

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021319.D
 Acq On : 02 Aug 2024 13:15
 Operator : CG/JU
 Sample : PB162089BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS089

Quant Time: Aug 02 23:37:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	157737	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.387	136	628506	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	412574	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.081	188	898378	20.000	ng/u1	-0.01
79) Chrysene-d12	21.533	240	1007178	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	1236827	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	18230	5.259	ng/uL	-0.02
4) Pyridine-d5	3.581	84	242702	24.185	ng/u1	-0.01
7) Phenol-d5	6.840	99	331550	25.782	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	182631	23.434	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.169	132	281716	26.588	ng/u1	-0.01
15) 4-Methylphenol-d8	8.352	113	256560	24.021	ng/u1	-0.01
21) Nitrobenzene-d5	8.775	128	132542	27.151	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.487	143	150816	26.992	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.046	165	278949	27.610	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	340714	25.456	ng/u1	-0.01
46) Dimethylphthalate-d6	13.669	166	813982	27.140	ng/u1	-0.01
49) Acenaphthylene-d8	13.951	160	930014	27.616	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.575	143	162129	37.994	ng/u1	-0.01
60) Fluorene-d10	15.275	176	709140	28.821	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	157930	29.054	ng/u1	-0.01
73) Anthracene-d10	17.181	188	1130970	28.344	ng/u1	-0.01
81) Pyrene-d10	19.569	212	1465587	23.537	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1799660	29.503	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	35432	9.294	ng/uL	97
5) Pyridine	3.599	79	238866	23.077	ng/u1	98
6) Benzaldehyde	6.793	77	185609m	28.629	ng/u1	
8) Phenol	6.864	94	334308	25.691	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.058	93	247576	23.031	ng/u1	98
12) 2-Chlorophenol	7.205	128	278619	26.237	ng/u1	97
13) 2-Methylphenol	8.081	108	248065	24.649	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.134	45	322167	20.744	ng/u1#	93
16) Acetophenone	8.446	105	403599	24.483	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.422	70	189158	21.900	ng/u1	95
18) 4-Methylphenol	8.411	108	268115	24.868	ng/u1	95
19) Hexachloroethane	8.669	117	116704	24.456	ng/u1	93
22) Nitrobenzene	8.822	77	297040	25.401	ng/u1	97
23) Isophorone	9.340	82	547172	23.536	ng/u1	98
25) 2-Nitrophenol	9.522	139	157706	27.063	ng/u1	95
26) 2,4-Dimethylphenol	9.593	107	220175	19.161	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.811	93	324713	22.979	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	271321	27.249	ng/u1	99
30) Naphthalene	10.440	128	856718	25.914	ng/u1	99
32) 4-Chloroaniline	10.575	127	294781	23.064	ng/u1	99
33) Hexachlorobutadiene	10.687	225	195604	26.200	ng/u1	97
34) Caprolactam	11.399	113	86909m	28.334	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	287899	26.600	ng/u1	99
36) 2-Methylnaphthalene	12.057	142	579730	25.546	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021319.D
 Acq On : 02 Aug 2024 13:15
 Operator : CG/JU
 Sample : PB162089BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS089

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 02 23:37:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	591144	25.328	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.428	216	363135	27.102	ng/ul	97
40) Hexachlorocyclopentadiene	12.381	237	61117	8.720	ng/ul	100
41) 2,4,6-Trichlorophenol	12.699	196	212242	25.069	ng/ul	99
42) 2,4,5-Trichlorophenol	12.793	196	234818	26.214	ng/ul	99
43) 1,1'-Biphenyl	13.081	154	777201	25.776	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	629546	26.154	ng/ul	100
45) 2-Nitroaniline	13.369	65	186868	28.073	ng/ul	97
47) Dimethylphthalate	13.716	163	792499	26.042	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	167489	27.529	ng/ul	95
50) Acenaphthylene	13.981	152	989129	25.941	ng/ul	99
51) 3-Nitroaniline	14.222	138	166862	31.516	ng/ul	95
52) Acenaphthene	14.328	153	654761	25.872	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	86448	27.056	ng/ul	98
55) 4-Nitrophenol	14.587	109	108999	31.401	ng/ul#	76
56) Dibenzofuran	14.669	168	945367	27.279	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	253094	30.304	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.916	232	199473	26.005	ng/ul	97
59) Diethylphthalate	15.104	149	785628	25.832	ng/ul	99
61) Fluorene	15.334	166	782968	27.686	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	410708	26.764	ng/ul	94
63) 4-Nitroaniline	15.416	138	171815	39.187	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.469	198	161023	27.934	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	670905	25.645	ng/ul	100
68) 4-Bromophenyl-phenylether	16.240	248	270923	25.729	ng/ul	97
69) Hexachlorobenzene	16.351	284	334179	27.678	ng/ul	96
70) Atrazine	16.545	200	112411	11.790	ng/ul	98
71) Pentachlorophenol	16.734	266	153841	23.460	ng/ul	94
72) Phenanthrene	17.122	178	1261662	27.072	ng/ul	100
74) Anthracene	17.216	178	1263927	26.603	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.040	216	358535	24.935	ng/uL	100
76) Pentachlorobenzene	14.587	250	377109	26.393	ng/uL	99
77) Carbazole	17.528	167	1171766	30.170	ng/ul	100
78) Di-n-butylphthalate	18.081	149	1314473	24.531	ng/ul	100
80) Fluoranthene	19.222	202	1626243	21.626	ng/ul	99
82) Pyrene	19.604	202	1744134	22.793	ng/ul	96
83) Butylbenzylphthalate	20.545	149	664129	20.831	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.439	252	659751	28.667	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1890745	26.799	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	920833	20.070	ng/ul	98
87) Chrysene	21.580	228	1800994	27.471	ng/ul	100
89) Di-n-octyl phthalate	22.663	149	1705785	20.877	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	2063202	27.489	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	2042943	27.274	ng/ul	98
93) Benzo(a)pyrene	24.674	252	1815026	25.590	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.580	276	2625818m	28.730	ng/ul	
95) Dibenzo(a,h)anthracene	28.627	278	2149486	28.401	ng/ul	99
96) Benzo(g,h,i)perylene	29.745	276	2061514m	27.696	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

