

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021317.D
 Acq On : 02 Aug 2024 11:44
 Operator : CG/JU
 Sample : PB162408BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS408

Quant Time: Aug 02 12:42:12 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	152956	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.381	136	584837	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.263	164	369759	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	800765	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	947545	20.000	ng/u1	# 0.00
88) Perylene-d12	24.839	264	1194481	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	19677	5.854	ng/uL	-0.01
4) Pyridine-d5	3.581	84	224990	23.121	ng/u1	-0.01
7) Phenol-d5	6.840	99	312247	25.040	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	169106	22.377	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	263346	25.632	ng/u1	-0.01
15) 4-Methylphenol-d8	8.352	113	244606	23.617	ng/u1	-0.01
21) Nitrobenzene-d5	8.781	128	124249	27.353	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.493	143	144767	27.844	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.040	165	259713	27.625	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.552	131	305350	24.517	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	721630	26.847	ng/u1	0.00
49) Acenaphthylene-d8	13.946	160	851529	28.213	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.581	143	141050m	36.882	ng/u1	0.00
60) Fluorene-d10	15.281	176	643693	29.190	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	140889	29.079	ng/u1	-0.01
73) Anthracene-d10	17.192	188	1033672	29.063	ng/u1	0.00
81) Pyrene-d10	19.575	212	1369597	23.379	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.610	264	1704994	28.942	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	34649	9.373	ng/uL	94
5) Pyridine	3.599	79	234259	23.340	ng/u1	98
6) Benzaldehyde	6.799	77	150556	23.948	ng/u1	95
8) Phenol	6.869	94	325604	25.804	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.064	93	248724	23.861	ng/u1	97
12) 2-Chlorophenol	7.205	128	275973	26.800	ng/u1	96
13) 2-Methylphenol	8.093	108	245288	25.135	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.134	45	309956	20.581	ng/u1#	92
16) Acetophenone	8.446	105	392944	24.582	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.422	70	183108	21.862	ng/u1	97
18) 4-Methylphenol	8.416	108	259566	24.827	ng/u1	94
19) Hexachloroethane	8.669	117	114727	24.793	ng/u1	91
22) Nitrobenzene	8.822	77	287478	26.419	ng/u1	99
23) Isophorone	9.340	82	516783	23.889	ng/u1	99
25) 2-Nitrophenol	9.528	139	154177	28.433	ng/u1	94
26) 2,4-Dimethylphenol	9.593	107	244070	22.826	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.810	93	313794	23.864	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	255032	27.526	ng/u1	99
30) Naphthalene	10.434	128	838017	27.241	ng/u1	99
32) 4-Chloroaniline	10.575	127	281424	23.663	ng/u1	97
33) Hexachlorobutadiene	10.687	225	199773	28.756	ng/u1	99
34) Caprolactam	11.393	113	80911m	28.348	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	270534	26.862	ng/u1	98
36) 2-Methylnaphthalene	12.052	142	557967	26.423	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	568397	26.171	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	352490	29.354	ng/ul	97
40) Hexachlorocyclopentadiene	12.381	237	69330	11.037	ng/ul	99
41) 2,4,6-Trichlorophenol	12.699	196	190332	25.084	ng/ul	99
42) 2,4,5-Trichlorophenol	12.793	196	212307	26.445	ng/ul	97
43) 1,1'-Biphenyl	13.081	154	739417	27.363	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	596202	27.637	ng/ul	99
45) 2-Nitroaniline	13.369	65	170253	28.539	ng/ul	98
47) Dimethylphthalate	13.722	163	726589	26.641	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	154439	28.323	ng/ul	99
50) Acenaphthylene	13.981	152	951559	27.846	ng/ul	99
51) 3-Nitroaniline	14.222	138	150924	31.807	ng/ul	88
52) Acenaphthene	14.328	153	625856	27.594	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	78850	27.536	ng/ul	94
55) 4-Nitrophenol	14.587	109	103208	33.176	ng/ul	81
56) Dibenzofuran	14.669	168	890987	28.686	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	233627	31.212	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.922	232	166917	24.280	ng/ul	97
59) Diethylphthalate	15.104	149	720968	26.451	ng/ul	98
61) Fluorene	15.334	166	737858	29.112	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	384567	27.962	ng/ul	95
63) 4-Nitroaniline	15.410	138	159624	40.622	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.469	198	147773	28.761	ng/ul	95
67) N-Nitrosodiphenylamine	15.557	169	623574	26.742	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	254594	27.125	ng/ul	98
69) Hexachlorobenzene	16.369	284	315113	29.281	ng/ul	94
70) Atrazine	16.551	200	25077	2.951	ng/ul	95
71) Pentachlorophenol	16.751	266	128466	21.979	ng/ul	96
72) Phenanthrene	17.134	178	1199240	28.869	ng/ul	99
74) Anthracene	17.228	178	1189797	28.095	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.046	216	352427	27.498	ng/uL	97
76) Pentachlorobenzene	14.593	250	348519	27.366	ng/uL	99
77) Carbazole	17.539	167	1128505	32.598	ng/ul	99
78) Di-n-butylphthalate	18.087	149	1209712	25.328	ng/ul	100
80) Fluoranthene	19.228	202	1564927	22.121	ng/ul	97
82) Pyrene	19.610	202	1663598	23.109	ng/ul	96
83) Butylbenzylphthalate	20.551	149	637961	21.270	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.451	252	660406	30.501	ng/ul	98
85) Benzo(a)anthracene	21.522	228	1853416	27.923	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	862989	19.993	ng/ul#	97
87) Chrysene	21.586	228	1735835	28.144	ng/ul	99
89) Di-n-octyl phthalate	22.663	149	1630045	20.658	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	2017449	27.832	ng/ul	98
91) Benzo(k)fluoranthene	23.857	252	2016089m	27.870	ng/ul	
93) Benzo(a)pyrene	24.680	252	1841872	26.889	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.604	276	2594904m	29.398	ng/ul	
95) Dibenzo(a,h)anthracene	28.645	278	2146747	29.370	ng/ul	98
96) Benzo(g,h,i)perylene	29.768	276	2068516	28.775	ng/ul#	95

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

