

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020306.D
 Acq On : 11 May 2024 01:58
 Operator : MA/JU
 Sample : PB160761BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS761

Quant Time: May 11 02:29:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/13/2024
 Supervised By :mohammad ahmed 05/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	81158	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	325323	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.286	164	220076	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.133	188	486468	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	497124	20.000	ng/u1	0.00
88) Perylene-d12	25.003	264	566042	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	10913	5.679	ng/uL	0.00
4) Pyridine-d5	3.616	84	150362	26.929	ng/u1	0.00
7) Phenol-d5	6.804	99	196064	28.131	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	112696	26.618	ng/u1	0.00
11) 2-Chlorophenol-d4	7.151	132	151499	30.406	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	155147	27.533	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	75375	30.941	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.481	143	88581	31.752	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.016	165	162439	31.908	ng/u1	0.00
31) 4-Chloroaniline-d4	10.539	131	211255	29.650	ng/u1	-0.01
46) Dimethylphthalate-d6	13.698	166	501938	31.232	ng/u1	-0.01
49) Acenaphthylene-d8	13.969	160	545540	30.729	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.545	143	73030	29.566	ng/u1	0.00
60) Fluorene-d10	15.310	176	422269	31.501	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	85291	27.629	ng/u1	-0.01
73) Anthracene-d10	17.233	188	666437	31.667	ng/u1	-0.01
81) Pyrene-d10	19.645	212	828965	28.527	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.762	264	880418	32.169	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	22196	10.179	ng/uL	91
5) Pyridine	3.634	79	139344	24.673	ng/u1	97
6) Benzaldehyde	6.787	77	114568	32.703	ng/u1	97
8) Phenol	6.828	94	186253	25.891	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.063	93	139715	24.820	ng/u1	95
12) 2-Chlorophenol	7.187	128	144904	27.855	ng/u1	93
13) 2-Methylphenol	8.057	108	137427	25.611	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	161775m	23.038	ng/u1	
16) Acetophenone	8.440	105	230160	24.610	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.416	70	123658	24.365	ng/u1	96
18) 4-Methylphenol	8.387	108	150734	25.845	ng/u1	97
19) Hexachloroethane	8.657	117	62941	26.458	ng/u1	95
22) Nitrobenzene	8.816	77	182414	26.084	ng/u1	99
23) Isophorone	9.334	82	338223	25.151	ng/u1	100
25) 2-Nitrophenol	9.516	139	84241	29.153	ng/u1	92
26) 2,4-Dimethylphenol	9.575	107	145891	23.141	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.810	93	186219	24.979	ng/u1	100
29) 2,4-Dichlorophenol	10.045	162	148079	29.904	ng/u1	98
30) Naphthalene	10.428	128	450081	26.841	ng/u1	99
32) 4-Chloroaniline	10.563	127	178745	25.655	ng/u1	97
33) Hexachlorobutadiene	10.687	225	107664	27.993	ng/u1	96
34) Caprolactam	11.381	113	49437m	28.593	ng/u1	
35) 4-Chloro-3-methylphenol	11.698	107	174141	28.245	ng/u1	99
36) 2-Methylnaphthalene	12.057	142	311834	26.727	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	324103	27.605	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	198863	28.974	ng/ul	98
40) Hexachlorocyclopentadiene	12.386	237	59329	15.894	ng/ul	99
41) 2,4,6-Trichlorophenol	12.686	196	128950	29.959	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	141141	30.473	ng/ul	95
43) 1,1'-Biphenyl	13.092	154	431911	27.748	ng/ul	99
44) 2-Chloronaphthalene	13.133	162	337486	27.323	ng/ul	99
45) 2-Nitroaniline	13.369	65	116349	28.398	ng/ul	96
47) Dimethylphthalate	13.739	163	449847	27.711	ng/ul	100
48) 2,6-Dinitrotoluene	13.880	165	94563	29.302	ng/ul	97
50) Acenaphthylene	13.998	152	542632	27.175	ng/ul	99
51) 3-Nitroaniline	14.227	138	93411	31.034	ng/ul	98
52) Acenaphthene	14.351	153	359942	26.823	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	47129	23.792	ng/ul	93
55) 4-Nitrophenol	14.563	109	65899	25.625	ng/ul	92
56) Dibenzofuran	14.698	168	515870	27.952	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	143520	30.933	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.939	232	128948	31.004	ng/ul	97
59) Diethylphthalate	15.151	149	458695	28.307	ng/ul	99
61) Fluorene	15.369	166	432343	28.194	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.369	204	234157	28.782	ng/ul	91
63) 4-Nitroaniline	15.427	138	91155	36.341	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.486	198	86281	26.804	ng/ul	93
67) N-Nitrosodiphenylamine	15.592	169	385642	28.471	ng/ul	100
68) 4-Bromophenyl-phenylether	16.298	248	150594	28.579	ng/ul	99
69) Hexachlorobenzene	16.398	284	179252	29.371	ng/ul	97
70) Atrazine	16.604	200	151324	31.507	ng/ul	99
71) Pentachlorophenol	16.774	266	109352	29.643	ng/ul	99
72) Phenanthrene	17.174	178	706498	28.465	ng/ul	99
74) Anthracene	17.269	178	707327	28.019	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	194855	26.951	ng/uL	96
76) Pentachlorobenzene	14.610	250	204673	28.289	ng/uL	98
77) Carbazole	17.569	167	647746	29.785	ng/ul	99
78) Di-n-butylphthalate	18.168	149	773800	29.355	ng/ul	100
80) Fluoranthene	19.292	202	879941	25.730	ng/ul	99
82) Pyrene	19.674	202	937209	26.339	ng/ul	99
83) Butylbenzylphthalate	20.645	149	379149	28.070	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.545	252	304271	30.074	ng/ul	97
85) Benzo(a)anthracene	21.615	228	959242	28.449	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.562	149	536597	27.537	ng/ul	99
87) Chrysene	21.686	228	910990	29.151	ng/ul	99
89) Di-n-octyl phthalate	22.856	149	940232	25.937	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	982063	29.166	ng/ul	99
91) Benzo(k)fluoranthene	24.003	252	961025	28.006	ng/ul	99
93) Benzo(a)pyrene	24.833	252	822581	25.675	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.809	276	1171595m	29.830	ng/ul	
95) Dibenzo(a,h)anthracene	28.909	278	956439	29.442	ng/ul	98
96) Benzo(g,h,i)perylene	30.009	276	904706m	28.561	ng/ul	

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

