

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
 Data File : BP014643.D
 Acq On : 11 Apr 2023 00:27
 Operator : CG/JU
 Sample : PB152002BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS002

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/11/2023
 Supervised By : Jagrut Upadhyay 04/11/2023

Quant Time: Apr 11 01:26:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 11 01:21:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	113793	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	480554	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	301618	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	674279	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	703990	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	781244	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	19217	6.549	ng/uL	0.00
4) Pyridine-d5	3.793	84	252204	33.539	ng/u1	0.00
7) Phenol-d5	7.140	99	316493	30.158	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	217760	32.341	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	240954	31.767	ng/u1	0.00
15) 4-Methylphenol-d8	8.699	113	254464	30.060	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	115638	29.808	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	134472	30.271	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	241344	29.832	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	207045	19.429	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	736317	30.108	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	833431	30.713	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	115421	31.240	ng/u1	0.00
60) Fluorene-d10	15.622	176	625834	30.687	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	142311	28.683	ng/u1	0.00
73) Anthracene-d10	17.492	188	999048	30.615	ng/u1	0.00
81) Pyrene-d10	19.722	212	1229333	25.997	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	1302123	31.371	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.393	88	43565	13.510	ng/uL	91
5) Pyridine	3.811	79	256912	32.647	ng/u1	95
6) Benzaldehyde	7.122	77	56379m	10.808	ng/u1	
8) Phenol	7.169	94	345344	31.722	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.399	93	276970	31.659	ng/u1	98
12) 2-Chlorophenol	7.540	128	255624	32.379	ng/u1	94
13) 2-Methylphenol	8.428	108	250728	30.882	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.505	45	403325	35.113	ng/u1	99
16) Acetophenone	8.810	105	421053	30.121	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.793	70	240167	31.803	ng/u1	94
18) 4-Methylphenol	8.763	108	270678	30.357	ng/u1	100
19) Hexachloroethane	9.057	117	118843	34.452	ng/u1	97
22) Nitrobenzene	9.193	77	359468	32.254	ng/u1	97
23) Isophorone	9.722	82	641116	31.208	ng/u1	99
25) 2-Nitrophenol	9.910	139	142997	30.498	ng/u1	95
26) 2,4-Dimethylphenol	9.969	107	323940	30.867	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.204	93	372174	30.217	ng/u1	99
29) 2,4-Dichlorophenol	10.446	162	243727	30.612	ng/u1	94
30) Naphthalene	10.846	128	824440	30.800	ng/u1	99
32) 4-Chloroaniline	10.969	127	141921	13.149	ng/u1	99
33) Hexachlorobutadiene	11.116	225	186040	29.494	ng/u1	98
34) Caprolactam	11.769	113	78175m	33.236	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	298447	30.476	ng/u1	98
36) 2-Methylnaphthalene	12.451	142	542257	29.892	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	555481	30.876	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.816	216	318137	29.584	ng/ul	98
40) Hexachlorocyclopentadiene	12.787	237	177808	25.532	ng/ul	100
41) 2,4,6-Trichlorophenol	13.063	196	196553	29.537	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	218811	30.886	ng/ul	95
43) 1,1'-Biphenyl	13.457	154	739746	30.357	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	583268	30.272	ng/ul	99
45) 2-Nitroaniline	13.722	65	209012	35.029	ng/ul	91
47) Dimethylphthalate	14.087	163	759163	31.047	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	154387	32.317	ng/ul	94
50) Acenaphthylene	14.351	152	909934	31.486	ng/ul	100
51) 3-Nitroaniline	14.551	138	111959	26.159	ng/ul	97
52) Acenaphthene	14.692	153	631625	30.929	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	85384	27.600	ng/ul	87
55) 4-Nitrophenol	14.869	109	120503	33.048	ng/ul	95
56) Dibenzofuran	15.028	168	881827	30.717	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	229705	33.897	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.257	232	186227	29.248	ng/ul#	98
59) Diethylphthalate	15.445	149	788151	32.436	ng/ul	98
61) Fluorene	15.681	166	731352	31.430	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	377618	30.205	ng/ul	99
63) 4-Nitroaniline	15.722	138	136359	39.213	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.769	198	139151	28.940	ng/ul	94
67) N-Nitrosodiphenylamine	15.886	169	616732	29.397	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	236007	28.128	ng/ul	99
69) Hexachlorobenzene	16.686	284	276713	28.712	ng/ul	94
70) Atrazine	16.851	200	24787	3.246	ng/ul	95
71) Pentachlorophenol	17.045	266	142156	25.461	ng/ul	97
72) Phenanthrene	17.433	178	1172653	31.260	ng/ul	99
74) Anthracene	17.528	178	1190056	31.476	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	321491	27.087	ng/uL	97
76) Pentachlorobenzene	14.945	250	327324	27.639	ng/uL	99
77) Carbazole	17.804	167	1031654	32.606	ng/ul	99
78) Di-n-butylphthalate	18.328	149	1378467	34.649	ng/ul	100
80) Fluoranthene	19.398	202	1445671	25.857	ng/ul	99
82) Pyrene	19.751	202	1532934	26.262	ng/ul	98
83) Butylbenzylphthalate	20.610	149	668966	33.271	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.398	252	348551	22.387	ng/ul	100
85) Benzo(a)anthracene	21.463	228	1574536	31.562	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	992744	36.107	ng/ul	100
87) Chrysene	21.521	228	1491715	31.668	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	1712247	33.773	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1655201	31.370	ng/ul	99
91) Benzo(k)fluoranthene	23.263	252	1623461	31.680	ng/ul	99
93) Benzo(a)pyrene	23.868	252	1430184	31.490	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.604	276	1916829	30.678	ng/ul	98
95) Dibenzo(a,h)anthracene	26.615	278	1595733	30.503	ng/ul	99
96) Benzo(g,h,i)perylene	27.409	276	1558449	30.599	ng/ul	98

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

