

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041223\
 Data File : BP014696.D
 Acq On : 13 Apr 2023 05:13
 Operator : CG/JU
 Sample : PB152057BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS057

Quant Time: Apr 13 06:02:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 13 02:01:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/13/2023
 Supervised By : Jagrut Upadhyay 04/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	98294	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	406941	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	249627	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	508560	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	546453	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	621662	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	15544m	6.132	ng/uL	0.00
4) Pyridine-d5	3.787	84	197975	30.479	ng/u1	0.00
7) Phenol-d5	7.134	99	257504	28.406	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	180117	30.968	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	193382	29.515	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	211365	28.906	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	93093	28.337	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	109337	29.065	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	189692	27.689	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	202099	22.396	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	588168	29.059	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	671130	29.883	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	87616	28.654	ng/u1	0.00
60) Fluorene-d10	15.616	176	497814	29.493	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	110075	29.416	ng/u1	0.00
73) Anthracene-d10	17.486	188	760097	30.883	ng/u1	0.00
81) Pyrene-d10	19.716	212	932644	25.409	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	1028839	31.150	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	38368	13.774	ng/uL	91
5) Pyridine	3.811	79	228515	33.618	ng/u1	95
6) Benzaldehyde	7.116	77	81720	18.136	ng/u1	96
8) Phenol	7.163	94	300245	31.928	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.393	93	239647	31.712	ng/u1	94
12) 2-Chlorophenol	7.534	128	218565	32.050	ng/u1	91
13) 2-Methylphenol	8.422	108	219077	31.239	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	365688	36.856	ng/u1	98
16) Acetophenone	8.804	105	370617	30.694	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.787	70	214030	32.811	ng/u1	90
18) 4-Methylphenol	8.752	108	234251	30.414	ng/u1	96
19) Hexachloroethane	9.046	117	102504	34.401	ng/u1	88
22) Nitrobenzene	9.187	77	322787	34.202	ng/u1	98
23) Isophorone	9.716	82	557283	32.034	ng/u1	99
25) 2-Nitrophenol	9.904	139	124192	31.278	ng/u1#	85
26) 2,4-Dimethylphenol	9.957	107	271980	30.604	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.193	93	324351	31.098	ng/u1	99
29) 2,4-Dichlorophenol	10.440	162	208420	30.913	ng/u1	94
30) Naphthalene	10.840	128	747014	32.956	ng/u1	100
32) 4-Chloroaniline	10.963	127	155746	17.040	ng/u1	98
33) Hexachlorobutadiene	11.110	225	166803	31.228	ng/u1	98
34) Caprolactam	11.769	113	62834m	31.547	ng/u1	
35) 4-Chloro-3-methylphenol	12.087	107	257723	31.078	ng/u1	98
36) 2-Methylnaphthalene	12.445	142	492533	32.063	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	506158	33.223	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.810	216	283346	31.836	ng/ul	97
40) Hexachlorocyclopentadiene	12.781	237	166239	28.843	ng/ul	98
41) 2,4,6-Trichlorophenol	13.057	196	171723	31.180	ng/ul	100
42) 2,4,5-Trichlorophenol	13.140	196	183457	31.289	ng/ul	95
43) 1,1'-Biphenyl	13.451	154	659746	32.713	ng/ul	98
44) 2-Chloronaphthalene	13.498	162	523887	32.853	ng/ul	98
45) 2-Nitroaniline	13.716	65	185146	37.492	ng/ul	89
47) Dimethylphthalate	14.081	163	639011	31.576	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	131013	33.136	ng/ul	90
50) Acenaphthylene	14.345	152	797963	33.362	ng/ul	99
51) 3-Nitroaniline	14.551	138	106970	30.199	ng/ul	96
52) Acenaphthene	14.686	153	549381	32.504	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	77056	30.095	ng/ul#	86
55) 4-Nitrophenol	14.863	109	102874	34.089	ng/ul	97
56) Dibenzofuran	15.022	168	771412	32.467	ng/ul	97
57) 2,4-Dinitrotoluene	15.004	165	191400	34.127	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.251	232	155010	29.415	ng/ul	91
59) Diethylphthalate	15.439	149	645621	32.104	ng/ul	98
61) Fluorene	15.675	166	625015	32.454	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.663	204	324463	31.359	ng/ul	99
63) 4-Nitroaniline	15.722	138	108550m	37.717	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.763	198	116193	32.040	ng/ul	95
67) N-Nitrosodiphenylamine	15.886	169	514494	32.515	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	196161	30.997	ng/ul	97
69) Hexachlorobenzene	16.680	284	223836	30.793	ng/ul	93
70) Atrazine	16.845	200	13131	2.280	ng/ul	99
71) Pentachlorophenol	17.033	266	116004	27.547	ng/ul	99
72) Phenanthrene	17.428	178	961285	33.976	ng/ul	100
74) Anthracene	17.522	178	976010	34.227	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	282299	31.535	ng/uL	97
76) Pentachlorobenzene	14.939	250	280143	31.363	ng/uL	100
77) Carbazole	17.798	167	839293	35.171	ng/ul	99
78) Di-n-butylphthalate	18.327	149	1070090	35.663	ng/ul	99
80) Fluoranthene	19.392	202	1171976	27.005	ng/ul	98
82) Pyrene	19.745	202	1243996	27.456	ng/ul	98
83) Butylbenzylphthalate	20.604	149	517783	33.176	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.392	252	320238	26.498	ng/ul	98
85) Benzo(a)anthracene	21.457	228	1293269	33.398	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	780228	36.558	ng/ul	98
87) Chrysene	21.516	228	1245952	34.076	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	1403864	34.799	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	1397975	33.297	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	1345491	32.995	ng/ul	99
93) Benzo(a)pyrene	23.862	252	1235671	34.192	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.592	276	1637899	32.942	ng/ul	98
95) Dibenzo(a,h)anthracene	26.609	278	1361004	32.694	ng/ul	100
96) Benzo(g,h,i)perylene	27.398	276	1333284	32.898	ng/ul	97

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

