

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041823\
 Data File : BP014714.D
 Acq On : 18 Apr 2023 16:17
 Operator : CG/JU
 Sample : SSTD01048
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010633

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 19 01:00:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 00:51:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	198937	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	827911	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.787	164	531756	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.539	188	1182422	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	1165946	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1268080	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	19111	3.725	ng/uL	0.00
4) Pyridine-d5	3.922	84	122866	9.346	ng/u1	0.00
7) Phenol-d5	7.287	99	153350	8.358	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	103383	8.782	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	117135	8.833	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	118233	7.989	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	44228	6.617	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	36213	4.732	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	116135	8.332	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	180749	9.845	ng/u1	0.00
46) Dimethylphthalate-d6	14.187	166	404697	9.386	ng/u1	0.00
49) Acenaphthylene-d8	14.481	160	462737	9.672	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	47295	7.261	ng/u1	0.00
60) Fluorene-d10	15.775	176	348527	9.693	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	26435	3.038	ng/u1	0.00
73) Anthracene-d10	17.633	188	549936	9.610	ng/u1	0.00
81) Pyrene-d10	19.851	212	632861	8.081	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	610487	9.061	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	20863	3.701	ng/uL#	91
5) Pyridine	3.940	79	116843	8.493	ng/u1	96
6) Benzaldehyde	7.281	77	99292	10.888	ng/u1	98
8) Phenol	7.316	94	162721	8.550	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.563	93	137267	8.975	ng/u1	97
12) 2-Chlorophenol	7.710	128	123580	8.954	ng/u1	99
13) 2-Methylphenol	8.587	108	120327	8.478	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.687	45	180947	9.011	ng/u1	99
16) Acetophenone	8.981	105	219974	9.001	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.963	70	105579	7.997	ng/u1	96
18) 4-Methylphenol	8.910	108	130732	8.387	ng/u1	99
19) Hexachloroethane	9.252	117	52850	8.764	ng/u1	97
22) Nitrobenzene	9.369	77	127889	6.661	ng/u1	99
23) Isophorone	9.893	82	305080	8.620	ng/u1	99
25) 2-Nitrophenol	10.087	139	44176	5.469	ng/u1	96
26) 2,4-Dimethylphenol	10.134	107	148247	8.199	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.381	93	189040	8.909	ng/u1	97
29) 2,4-Dichlorophenol	10.616	162	118528	8.641	ng/u1	97
30) Naphthalene	11.034	128	444142	9.631	ng/u1	100
32) 4-Chloroaniline	11.134	127	186515	10.030	ng/u1	98
33) Hexachlorobutadiene	11.322	225	87486	8.051	ng/u1	97
34) Caprolactam	11.893	113	34279m	8.459	ng/u1	
35) 4-Chloro-3-methylphenol	12.234	107	124057	7.353	ng/u1	99
36) 2-Methylnaphthalene	12.628	142	294356	9.419	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.845	142	294590	9.504	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.987	216	171065	9.023	ng/ul	99
40) Hexachlorocyclopentadiene	12.975	237	82410	6.712	ng/ul	97
41) 2,4,6-Trichlorophenol	13.222	196	90538	7.717	ng/ul	99
42) 2,4,5-Trichlorophenol	13.287	196	98770	7.908	ng/ul	97
43) 1,1'-Biphenyl	13.622	154	411106	9.569	ng/ul	99
44) 2-Chloronaphthalene	13.669	162	321872	9.476	ng/ul	100
45) 2-Nitroaniline	13.857	65	50090	4.762	ng/ul	94
47) Dimethylphthalate	14.234	163	409671	9.503	ng/ul	99
48) 2,6-Dinitrotoluene	14.351	165	43798	5.200	ng/ul	97
50) Acenaphthylene	14.510	152	505661	9.925	ng/ul	99
51) 3-Nitroaniline	14.681	138	48799	6.467	ng/ul#	91
52) Acenaphthene	14.851	153	345393	9.593	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	15764	2.890	ng/ul	94
55) 4-Nitrophenol	14.963	109	46015	7.158	ng/ul	98
56) Dibenzofuran	15.181	168	489119	9.664	ng/ul	100
57) 2,4-Dinitrotoluene	15.134	165	67119	5.618	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.404	232	82335	7.335	ng/ul	95
59) Diethylphthalate	15.592	149	389669	9.096	ng/ul	98
61) Fluorene	15.834	166	409202	9.975	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.822	204	211655	9.603	ng/ul	99
63) 4-Nitroaniline	15.834	138	54486	8.887	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.892	198	29315	3.477	ng/ul	97
67) N-Nitrosodiphenylamine	16.034	169	334491	9.092	ng/ul	99
68) 4-Bromophenyl-phenylether	16.722	248	125101	8.502	ng/ul	98
69) Hexachlorobenzene	16.834	284	150251	8.890	ng/ul	97
70) Atrazine	16.981	200	113992	8.512	ng/ul	99
71) Pentachlorophenol	17.181	266	63928	6.529	ng/ul	95
72) Phenanthrene	17.581	178	639732	9.725	ng/ul	100
74) Anthracene	17.669	178	649240	9.792	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.587	216	175134	8.414	ng/ul	98
76) Pentachlorobenzene	15.098	250	173137	8.337	ng/ul	97
77) Carbazole	17.928	167	561950	10.128	ng/ul	99
78) Di-n-butylphthalate	18.475	149	605715	8.682	ng/ul	99
80) Fluoranthene	19.528	202	729247	7.875	ng/ul	99
82) Pyrene	19.880	202	785152	8.122	ng/ul	99
83) Butylbenzylphthalate	20.739	149	177294	5.324	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.516	252	230171	8.926	ng/ul	98
85) Benzo(a)anthracene	21.592	228	778710	9.425	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.504	149	311984	6.851	ng/ul	98
87) Chrysene	21.651	228	738596	9.467	ng/ul	100
89) Di-n-octyl phthalate	22.492	149	491871	5.977	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	776110	9.062	ng/ul	98
91) Benzo(k)fluoranthene	23.445	252	773608	9.300	ng/ul	99
93) Benzo(a)pyrene	24.074	252	687006	9.319	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.915	276	881931	8.696	ng/ul	99
95) Dibenzo(a,h)anthracene	26.939	278	744927	8.773	ng/ul	99
96) Benzo(g,h,i)perylene	27.751	276	701162	8.481	ng/ul	99

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

