

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101823\
 Data File : BP017719.D
 Acq On : 18 Oct 2023 20:40
 Operator : MA/JU
 Sample : SSTD08038
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080649

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023

Quant Time: Oct 19 01:22:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 00:53:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	146891	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	566140	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	351522	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	757259	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	725185	20.000	ng/u1	0.00
88) Perylene-d12	24.074	264	753549	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	122235	31.032	ng/uL	0.00
4) Pyridine-d5	3.693	84	839424	77.414	ng/u1	0.00
7) Phenol-d5	7.052	99	1008022	75.342	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	601095	73.918	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	838856	80.355	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	795364	74.900	ng/u1	0.01
21) Nitrobenzene-d5	9.099	128	405316	85.870	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	475339	89.821	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	876162	87.385	ng/u1	0.00
31) 4-Chloroaniline-d4	10.898	131	1088942	77.345	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	2411823	80.009	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	2790349	85.319	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	394420	80.815	ng/u1	0.00
60) Fluorene-d10	15.592	176	2083645	80.948	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	450447	86.208	ng/u1	0.01
73) Anthracene-d10	17.480	188	3219187	82.659	ng/u1	0.00
81) Pyrene-d10	19.739	212	3747637	85.145	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.915	264	3578041	84.386	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	134699	31.801	ng/uL	97
5) Pyridine	3.711	79	852891	76.369	ng/u1	94
6) Benzaldehyde	7.052	77	489840	72.664	ng/u1	99
8) Phenol	7.081	94	988808	74.838	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.334	93	811081	75.727	ng/u1	96
12) 2-Chlorophenol	7.446	128	834713	80.215	ng/u1	98
13) 2-Methylphenol	8.346	108	751280	76.005	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.404	45	971756m	70.909	ng/u1	
16) Acetophenone	8.752	105	1218064	73.733	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.728	70	601481	72.612	ng/u1	99
18) 4-Methylphenol	8.687	108	791216	73.942	ng/u1	98
19) Hexachloroethane	8.951	117	373585	79.996	ng/u1	96
22) Nitrobenzene	9.146	77	955545	79.361	ng/u1	95
23) Isophorone	9.663	82	1718606	79.608	ng/u1	100
25) 2-Nitrophenol	9.851	139	484101	85.911	ng/u1	97
26) 2,4-Dimethylphenol	9.893	107	894923	80.408	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.151	93	1044265	78.369	ng/u1	97
29) 2,4-Dichlorophenol	10.369	162	827277	85.945	ng/u1	99
30) Naphthalene	10.775	128	2612292	79.638	ng/u1	100
32) 4-Chloroaniline	10.922	127	1037798	77.014	ng/u1	98
33) Hexachlorobutadiene	10.998	225	617336	82.022	ng/u1	99
34) Caprolactam	11.769	113	208437m	73.161	ng/u1	
35) 4-Chloro-3-methylphenol	12.034	107	785994	79.036	ng/u1	97
36) 2-Methylnaphthalene	12.393	142	1802948	80.494	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	1818414	79.657	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.745	216	1076058	83.562	ng/ul	99
40) Hexachlorocyclopentadiene	12.687	237	667787	110.715	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	698513	88.883	ng/ul	96
42) 2,4,5-Trichlorophenol	13.081	196	736472	89.031	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	2399682	83.070	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	1933528	83.606	ng/ul	99
45) 2-Nitroaniline	13.710	65	508128	82.638	ng/ul	98
47) Dimethylphthalate	14.057	163	2351117	78.920	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	498485	91.264	ng/ul	95
50) Acenaphthylene	14.316	152	3072160	82.997	ng/ul	100
51) 3-Nitroaniline	14.551	138	437927	80.980	ng/ul	96
52) Acenaphthene	14.657	153	2011971	81.443	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	288601	87.544	ng/ul	97
55) 4-Nitrophenol	14.851	109	380364m	82.758	ng/ul	
56) Dibenzofuran	14.992	168	2805011	79.355	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	719157	85.344	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.216	232	621261	82.261	ng/ul	97
59) Diethylphthalate	15.422	149	2303301	77.737	ng/ul	99
61) Fluorene	15.651	166	2292519	78.960	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	1218142	78.978	ng/ul	98
63) 4-Nitroaniline	15.733	138	384979	72.676	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.757	198	468001	84.630	ng/ul#	99
67) N-Nitrosodiphenylamine	15.875	169	1907236	84.280	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	737065	81.275	ng/ul	96
69) Hexachlorobenzene	16.633	284	833596	77.707	ng/ul	98
70) Atrazine	16.845	200	695029	80.494	ng/ul	100
71) Pentachlorophenol	17.004	266	522742	81.113	ng/ul	98
72) Phenanthrene	17.422	178	3602519	80.918	ng/ul	99
74) Anthracene	17.522	178	3666333	81.543	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	1073043	88.631	ng/ul	99
76) Pentachlorobenzene	14.886	250	1002045	81.672	ng/ul	97
77) Carbazole	17.810	167	3103276	77.403	ng/ul	98
78) Di-n-butylphthalate	18.322	149	3827608	78.106	ng/ul	99
80) Fluoranthene	19.410	202	4311652	85.524	ng/ul	100
82) Pyrene	19.769	202	4465152	84.576	ng/ul	99
83) Butylbenzylphthalate	20.639	149	1753756	87.641	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.451	252	1404997	78.283	ng/ul	99
85) Benzo(a)anthracene	21.504	228	4494110	80.741	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	2496563	83.279	ng/ul	99
87) Chrysene	21.563	228	4150152	80.383	ng/ul	98
89) Di-n-octyl phthalate	22.363	149	4220738	87.198	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	4323391	83.787	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	4326878	84.619	ng/ul	99
93) Benzo(a)pyrene	23.968	252	4096251	85.584	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.804	276	4896877	83.714	ng/ul	99
95) Dibenzo(a,h)anthracene	26.827	278	4093687	83.750	ng/ul	99
96) Benzo(g,h,i)perylene	27.651	276	3872353	83.228	ng/ul	98

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

