

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
 Data File : BP019113.D
 Acq On : 27 Dec 2023 13:41
 Operator : MA/JU
 Sample : SSTD02072
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020639

Quant Time: Dec 28 02:48:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 28 02:21:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :Sohil Jodhani 12/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	144457	20.000	ng/u1	0.00
20) Naphthalene-d8	10.605	136	545364	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	336147	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	780314	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	893557	20.000	ng/u1	0.00
88) Perylene-d12	23.692	264	1064572	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	32423	7.698	ng/uL	0.00
4) Pyridine-d5	3.658	84	213239	20.086	ng/u1	0.00
7) Phenol-d5	6.987	99	249972	19.296	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	149692	19.974	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	198285	18.986	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	190754	18.913	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	91170	19.339	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	96921	19.023	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	198379	19.282	ng/u1	0.00
31) 4-Chloroaniline-d4	10.752	131	247504	19.558	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	568805	19.157	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	622384	19.319	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	97136	19.374	ng/u1	0.00
60) Fluorene-d10	15.451	176	494240	19.268	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	92979	18.176	ng/u1	0.00
73) Anthracene-d10	17.310	188	792501	19.448	ng/u1	0.00
81) Pyrene-d10	19.557	212	1019936	18.729	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	1156784	18.904	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	35750	7.687	ng/uL	100
5) Pyridine	3.676	79	219579	20.376	ng/u1	100
6) Benzaldehyde	6.952	77	117772	19.580	ng/u1	100
8) Phenol	7.011	94	248822	19.446	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.240	93	205781	19.876	ng/u1	100
12) 2-Chlorophenol	7.375	128	201060	18.810	ng/u1	100
13) 2-Methylphenol	8.264	108	179742	18.989	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.340	45	247151	20.237	ng/u1	100
16) Acetophenone	8.640	105	298310	19.749	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.622	70	141461	18.781	ng/u1	100
18) 4-Methylphenol	8.593	108	196420	19.278	ng/u1	100
19) Hexachloroethane	8.881	117	85084	18.977	ng/u1	100
22) Nitrobenzene	9.016	77	220582	19.152	ng/u1	100
23) Isophorone	9.546	82	388599	18.710	ng/u1	100
25) 2-Nitrophenol	9.728	139	105199	19.338	ng/u1	100
26) 2,4-Dimethylphenol	9.793	107	193263	20.180	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.028	93	263578	19.201	ng/u1	100
29) 2,4-Dichlorophenol	10.258	162	193484	19.245	ng/u1	100
30) Naphthalene	10.658	128	632952	19.250	ng/u1	100
32) 4-Chloroaniline	10.781	127	238451	19.637	ng/u1	100
33) Hexachlorobutadiene	10.940	225	149553	19.328	ng/u1	100
34) Caprolactam	11.569	113	47383m	18.008	ng/u1	100
35) 4-Chloro-3-methylphenol	11.910	107	188308	19.080	ng/u1	100
36) 2-Methylnaphthalene	12.275	142	424643	19.155	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	430217	19.244	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.640	216	268572	19.399	ng/ul	100
40) Hexachlorocyclopentadiene	12.616	237	146614	19.079	ng/ul	100
41) 2,4,6-Trichlorophenol	12.887	196	157506	19.064	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	169156	19.287	ng/ul	100
43) 1,1'-Biphenyl	13.287	154	557015	18.996	ng/ul	100
44) 2-Chloronaphthalene	13.328	162	448941	19.080	ng/ul	100
45) 2-Nitroaniline	13.546	65	105876	18.744	ng/ul	100
47) Dimethylphthalate	13.922	163	566787	19.339	ng/ul	100
48) 2,6-Dinitrotoluene	14.046	165	101512	18.849	ng/ul	100
50) Acenaphthylene	14.175	152	703135	19.398	ng/ul	100
51) 3-Nitroaniline	14.369	138	100261	19.043	ng/ul	100
52) Acenaphthene	14.522	153	469096	19.095	ng/ul	100
53) 2,4-Dinitrophenol	14.581	184	57150	16.471	ng/ul	100
55) 4-Nitrophenol	14.687	109	78393	19.564	ng/ul	100
56) Dibenzofuran	14.857	168	675765	19.262	ng/ul	100
57) 2,4-Dinitrotoluene	14.834	165	154732	19.535	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.087	232	144304	18.832	ng/ul	100
59) Diethylphthalate	15.287	149	551263	19.399	ng/ul	100
61) Fluorene	15.504	166	545698	19.434	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	297366	19.392	ng/ul	100
63) 4-Nitroaniline	15.540	138	104000	20.165	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.593	198	101475	18.735	ng/ul	100
67) N-Nitrosodiphenylamine	15.722	169	462334	19.413	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	188502	19.436	ng/ul	100
69) Hexachlorobenzene	16.510	284	227488	19.193	ng/ul	100
70) Atrazine	16.681	200	105523	15.701	ng/ul	100
71) Pentachlorophenol	16.863	266	127234	18.284	ng/ul	100
72) Phenanthrene	17.257	178	912281	19.292	ng/ul	100
74) Anthracene	17.345	178	913023	19.394	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.251	216	258055	19.020	ng/uL	100
76) Pentachlorobenzene	14.775	250	259821	19.272	ng/uL	100
77) Carbazole	17.622	167	814061	20.788	ng/ul	100
78) Di-n-butylphthalate	18.181	149	957235	19.710	ng/ul	100
80) Fluoranthene	19.234	202	1157254	18.519	ng/ul	100
82) Pyrene	19.586	202	1230690	18.797	ng/ul	100
83) Butylbenzylphthalate	20.469	149	447079	19.117	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.239	252	442864	19.812	ng/ul	100
85) Benzo(a)anthracene	21.304	228	1347576	19.088	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	678568	19.705	ng/ul	100
87) Chrysene	21.357	228	1260775	19.151	ng/ul	100
89) Di-n-octyl phthalate	22.151	149	1194644	19.624	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	1438311	19.235	ng/ul	100
91) Benzo(k)fluoranthene	23.016	252	1368632	18.626	ng/ul	100
93) Benzo(a)pyrene	23.586	252	1334988	18.968	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.151	276	1694838	18.785	ng/ul	100
95) Dibenzo(a,h)anthracene	26.168	278	1412707	18.822	ng/ul	100
96) Benzo(g,h,i)perylene	26.904	276	1360887	18.822	ng/ul	100

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

