

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021206.D
 Acq On : 29 Jul 2024 12:05
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020711

Quant Time: Jul 29 12:57:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 09/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	166586	20.000	ng/u1	0.00
20) Naphthalene-d8	10.392	136	648332	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	414608	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	887821	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	918657	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	1053098	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	30072	8.215	ng/uL	0.00
4) Pyridine-d5	3.593	84	198210	18.702	ng/u1	0.00
7) Phenol-d5	6.845	99	244422	17.997	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	153490	18.649	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	207437	18.538	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	194346	17.229	ng/u1	0.00
21) Nitrobenzene-d5	8.792	128	95725	19.009	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	107811	18.705	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	196836	18.887	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	266515	19.303	ng/u1	0.00
46) Dimethylphthalate-d6	13.680	166	584041	19.378	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	667829	19.733	ng/u1	0.00
54) 4-Nitrophenol-d4	14.586	143	96677	22.545	ng/u1	0.00
60) Fluorene-d10	15.286	176	493506	19.959	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	96881	18.035	ng/u1	0.00
73) Anthracene-d10	17.192	188	793775	20.130	ng/u1	0.00
81) Pyrene-d10	19.574	212	949981	16.726	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.597	264	1014625	19.535	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.204	88	33074	8.215	ng/uL	96
5) Pyridine	3.610	79	202327	18.509	ng/u1	98
6) Benzaldehyde	6.804	77	149925m	21.897	ng/u1	
8) Phenol	6.875	94	246226	17.917	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.075	93	205854	18.132	ng/u1	98
12) 2-Chlorophenol	7.210	128	206934	18.451	ng/u1	96
13) 2-Methylphenol	8.098	108	189658	17.844	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.157	45	305512	18.627	ng/u1	97
16) Acetophenone	8.457	105	312297	17.938	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.434	70	155917	17.093	ng/u1	99
18) 4-Methylphenol	8.428	108	202216	17.759	ng/u1	97
19) Hexachloroethane	8.675	117	93996	18.651	ng/u1	99
22) Nitrobenzene	8.839	77	237560	19.693	ng/u1	99
23) Isophorone	9.345	82	427440	17.824	ng/u1	98
25) 2-Nitrophenol	9.539	139	113320	18.852	ng/u1	99
26) 2,4-Dimethylphenol	9.604	107	226365	19.097	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.822	93	269556	18.492	ng/u1	98
29) 2,4-Dichlorophenol	10.081	162	194234	18.911	ng/u1	99
30) Naphthalene	10.439	128	666465	19.543	ng/u1	99
32) 4-Chloroaniline	10.586	127	254472	19.301	ng/u1	99
33) Hexachlorobutadiene	10.710	225	151797	19.710	ng/u1	99
34) Caprolactam	11.404	113	58990m	18.644	ng/u1	
35) 4-Chloro-3-methylphenol	11.739	107	208756	18.698	ng/u1	100
36) 2-Methylnaphthalene	12.069	142	438024	18.711	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	459574	19.088	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.439	216	264599	19.651	ng/ul	98
40) Hexachlorocyclopentadiene	12.398	237	131677	18.694	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	156865	18.437	ng/ul	97
42) 2,4,5-Trichlorophenol	12.810	196	157104	17.452	ng/ul	99
43) 1,1'-Biphenyl	13.086	154	585891	19.336	ng/ul	98
44) 2-Chloronaphthalene	13.139	162	474327	19.609	ng/ul	99
45) 2-Nitroaniline	13.369	65	129230	19.319	ng/ul	94
47) Dimethylphthalate	13.733	163	580397	18.978	ng/ul	100
48) 2,6-Dinitrotoluene	13.874	165	116044	18.980	ng/ul	98
50) Acenaphthylene	13.992	152	746339	19.478	ng/ul	99
51) 3-Nitroaniline	14.222	138	106911	20.094	ng/ul	99
52) Acenaphthene	14.339	153	501176	19.706	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	68641	21.378	ng/ul	93
55) 4-Nitrophenol	14.592	109	67101m	19.236	ng/ul	
56) Dibenzofuran	14.686	168	690659	19.831	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	172762	20.584	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.933	232	143790	18.653	ng/ul	99
59) Diethylphthalate	15.121	149	598256	19.575	ng/ul	99
61) Fluorene	15.345	166	563176	19.816	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	303984	19.712	ng/ul	99
63) 4-Nitroaniline	15.427	138	106995	24.283	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.480	198	99547	17.475	ng/ul	98
67) N-Nitrosodiphenylamine	15.569	169	473711	18.323	ng/ul	99
68) 4-Bromophenyl-phenylether	16.263	248	191787	18.430	ng/ul	98
69) Hexachlorobenzene	16.374	284	224961	18.854	ng/ul	99
70) Atrazine	16.557	200	186246	19.766	ng/ul	100
71) Pentachlorophenol	16.751	266	139349	21.503	ng/ul	97
72) Phenanthrene	17.133	178	906227	19.676	ng/ul	100
74) Anthracene	17.233	178	924973	19.700	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	259257	18.245	ng/uL	97
76) Pentachlorobenzene	14.592	250	260331	18.437	ng/uL	100
77) Carbazole	17.521	167	816586	21.275	ng/ul	99
78) Di-n-butylphthalate	18.098	149	1049990	19.828	ng/ul	99
80) Fluoranthene	19.233	202	1108597	16.163	ng/ul	98
82) Pyrene	19.609	202	1162818	16.660	ng/ul	99
83) Butylbenzylphthalate	20.551	149	493927	16.985	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	430491	20.508	ng/ul	99
85) Benzo(a)anthracene	21.509	228	1215013	18.881	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	739757	17.677	ng/ul	100
87) Chrysene	21.586	228	1159005	19.382	ng/ul	100
89) Di-n-octyl phthalate	22.680	149	1283444	18.449	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1245554	19.490	ng/ul	99
91) Benzo(k)fluoranthene	23.850	252	1248451	19.575	ng/ul	99
93) Benzo(a)pyrene	24.680	252	1164067	19.276	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.597	276	1489914	19.146	ng/ul	99
95) Dibenzo(a,h)anthracene	28.638	278	1234219	19.153	ng/ul	99
96) Benzo(g,h,i)perylene	29.762	276	1208933	19.075	ng/ul	99

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