

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
 Data File : BP021167.D
 Acq On : 26 Jul 2024 12:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020708

Quant Time: Jul 26 22:51:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/27/2024
 Supervised By :mohammad ahmed 07/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	148828	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	584812	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.292	164	379077	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	808548	20.000	ng/u1	0.01
79) Chrysene-d12	21.562	240	829564	20.000	ng/u1	0.00
88) Perylene-d12	24.868	264	997153	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	26975	8.248	ng/uL	0.00
4) Pyridine-d5	3.599	84	177906	18.789	ng/u1	0.00
7) Phenol-d5	6.869	99	229096	18.881	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	138603	18.849	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	194554	19.461	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	180385	17.900	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	89156	19.628	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	105628	20.317	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	188327	20.033	ng/u1	0.00
31) 4-Chloroaniline-d4	10.575	131	249662	20.047	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	544006	19.741	ng/u1	0.01
49) Acenaphthylene-d8	13.986	160	611371	19.758	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	102029	26.023	ng/u1	0.00
60) Fluorene-d10	15.310	176	461041	20.393	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	89418	18.278	ng/u1	0.01
73) Anthracene-d10	17.210	188	721129	20.081	ng/u1	0.00
81) Pyrene-d10	19.598	212	871071	16.984	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.645	264	970787	19.740	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	29066	8.081	ng/uL	97
5) Pyridine	3.616	79	188610	19.313	ng/u1	99
6) Benzaldehyde	6.816	77	141282	23.096	ng/u1	99
8) Phenol	6.899	94	230402	18.766	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.087	93	187108	18.448	ng/u1	97
12) 2-Chlorophenol	7.234	128	192632	19.226	ng/u1	98
13) 2-Methylphenol	8.110	108	175567	18.490	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.157	45	265027	18.086	ng/u1	95
16) Acetophenone	8.469	105	285908	18.382	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.446	70	141183	17.324	ng/u1	98
18) 4-Methylphenol	8.446	108	185800	18.265	ng/u1	94
19) Hexachloroethane	8.704	117	84820	18.838	ng/u1	99
22) Nitrobenzene	8.851	77	217116	19.954	ng/u1	100
23) Isophorone	9.369	82	399486	18.468	ng/u1	99
25) 2-Nitrophenol	9.551	139	110465	20.373	ng/u1	96
26) 2,4-Dimethylphenol	9.622	107	211503	19.781	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.840	93	246913	18.778	ng/u1	100
29) 2,4-Dichlorophenol	10.104	162	183630	19.820	ng/u1	98
30) Naphthalene	10.469	128	611837	19.890	ng/u1	99
32) 4-Chloroaniline	10.598	127	234832	19.746	ng/u1	98
33) Hexachlorobutadiene	10.728	225	136900	19.707	ng/u1	98
34) Caprolactam	11.428	113	60396m	21.161	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	195297	19.392	ng/u1	97
36) 2-Methylnaphthalene	12.081	142	407608	19.303	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	416989	19.201	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	245012	19.902	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	99498	15.450	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	152073	19.549	ng/ul	97
42) 2,4,5-Trichlorophenol	12.816	196	159080	19.328	ng/ul	100
43) 1,1'-Biphenyl	13.104	154	529924	19.128	ng/ul	100
44) 2-Chloronaphthalene	13.145	162	434002	19.624	ng/ul	99
45) 2-Nitroaniline	13.398	65	125919	20.588	ng/ul	100
47) Dimethylphthalate	13.751	163	552904	19.774	ng/ul	99
48) 2,6-Dinitrotoluene	13.886	165	112493	20.123	ng/ul	96
50) Acenaphthylene	14.016	152	687369	19.620	ng/ul	99
51) 3-Nitroaniline	14.233	138	111990	23.022	ng/ul	97
52) Acenaphthene	14.363	153	461979	19.868	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	66521	22.659	ng/ul	98
55) 4-Nitrophenol	14.616	109	68206	21.386	ng/ul	83
56) Dibenzofuran	14.704	168	635502	19.958	ng/ul	97
57) 2,4-Dinitrotoluene	14.710	165	163633	21.323	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.957	232	134089	19.025	ng/ul	95
59) Diethylphthalate	15.145	149	558892	20.001	ng/ul	98
61) Fluorene	15.369	166	516448	19.875	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	275066	19.508	ng/ul	97
63) 4-Nitroaniline	15.428	138	105079	26.084	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.498	198	91755	17.686	ng/ul#	99
67) N-Nitrosodiphenylamine	15.592	169	448378	19.044	ng/ul	99
68) 4-Bromophenyl-phenylether	16.280	248	180126	19.006	ng/ul	99
69) Hexachlorobenzene	16.392	284	212036	19.513	ng/ul	98
70) Atrazine	16.575	200	179796	20.953	ng/ul	99
71) Pentachlorophenol	16.769	266	121698	20.620	ng/ul	98
72) Phenanthrene	17.157	178	834872	19.904	ng/ul	99
74) Anthracene	17.245	178	859161	20.092	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	238570	18.435	ng/uL	99
76) Pentachlorobenzene	14.616	250	241116	18.750	ng/uL	99
77) Carbazole	17.551	167	762398	21.811	ng/ul	100
78) Di-n-butylphthalate	18.110	149	982513	20.373	ng/ul	100
80) Fluoranthene	19.251	202	1038713	16.771	ng/ul	99
82) Pyrene	19.627	202	1053706	16.718	ng/ul	99
83) Butylbenzylphthalate	20.568	149	463378	17.646	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.462	252	374035	19.732	ng/ul	100
85) Benzo(a)anthracene	21.539	228	1107652	19.061	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	680180	17.999	ng/ul	98
87) Chrysene	21.610	228	1040070	19.261	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1212988	18.414	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	1159252	19.157	ng/ul	99
91) Benzo(k)fluoranthene	23.892	252	1142662	18.922	ng/ul	99
93) Benzo(a)pyrene	24.715	252	1121252	19.608	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.668	276	1458012m	19.787	ng/ul	
95) Dibenzo(a,h)anthracene	28.721	278	1205517	19.757	ng/ul	100
96) Benzo(g,h,i)perylene	29.839	276	1183131	19.715	ng/ul	97

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

