

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP021003.D
 Acq On : 16 Jul 2024 23:48
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020690

Quant Time: Jul 17 01:51:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	236484	20.000	ng/u1	0.00
20) Naphthalene-d8	10.452	136	898206	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	542126	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	1134938	20.000	ng/u1	0.01
79) Chrysene-d12	21.551	240	1283251	20.000	ng/u1	0.00
88) Perylene-d12	24.845	264	1566024	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	46586	8.964	ng/uL	0.00
4) Pyridine-d5	3.658	84	327505	21.768	ng/u1	0.00
7) Phenol-d5	6.893	99	382750	19.852	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	232895	19.933	ng/u1	0.01
11) 2-Chlorophenol-d4	7.240	132	327655	20.627	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	306214	19.123	ng/u1	0.01
21) Nitrobenzene-d5	8.840	128	151490	21.714	ng/u1	0.01
24) 2-Nitrophenol-d4	9.552	143	169707	21.253	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	308760	21.384	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	396601	20.734	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	835136	21.191	ng/u1	0.00
49) Acenaphthylene-d8	13.999	160	960212	21.699	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	125439	22.371	ng/u1	0.00
60) Fluorene-d10	15.322	176	688752	21.303	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	136565	19.887	ng/u1	0.00
73) Anthracene-d10	17.216	188	1105553	21.932	ng/u1	0.00
81) Pyrene-d10	19.598	212	1399689	17.643	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.616	264	1619798	20.972	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.276	88	50336	8.807	ng/uL	97
5) Pyridine	3.676	79	334669	21.566	ng/u1	100
6) Benzaldehyde	6.864	77	237595	24.444	ng/u1	99
8) Phenol	6.922	94	388185	19.897	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.134	93	318336	19.752	ng/u1	99
12) 2-Chlorophenol	7.269	128	321905	20.219	ng/u1	99
13) 2-Methylphenol	8.146	108	297986	19.750	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.205	45	456552m	19.608	ng/u1	
16) Acetophenone	8.516	105	470673	19.045	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.487	70	237615	18.350	ng/u1	99
18) 4-Methylphenol	8.469	108	312040	19.305	ng/u1	97
19) Hexachloroethane	8.740	117	141223	19.739	ng/u1	98
22) Nitrobenzene	8.887	77	365293	21.858	ng/u1	99
23) Isophorone	9.405	82	660228	19.872	ng/u1	100
25) 2-Nitrophenol	9.581	139	179934	21.606	ng/u1	96
26) 2,4-Dimethylphenol	9.652	107	344836	20.998	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.869	93	412531	20.427	ng/u1	98
29) 2,4-Dichlorophenol	10.116	162	298513	20.978	ng/u1	100
30) Naphthalene	10.499	128	989768	20.949	ng/u1	100
32) 4-Chloroaniline	10.622	127	383703	21.007	ng/u1	98
33) Hexachlorobutadiene	10.769	225	223093	20.909	ng/u1	99
34) Caprolactam	11.428	113	90752m	20.703	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	315575	20.402	ng/u1	99
36) 2-Methylnaphthalene	12.105	142	652779	20.128	ng/u1	98

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37) 1-Methylnaphthalene	12.340	142	681054	20.418	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.475	216	387253	21.995	ng/ul	98
40) Hexachlorocyclopentadiene	12.440	237	160453	17.421	ng/ul	99
41) 2,4,6-Trichlorophenol	12.734	196	235639	21.181	ng/ul	97
42) 2,4,5-Trichlorophenol	12.816	196	253964	21.576	ng/ul	99
43) 1,1'-Biphenyl	13.128	154	851813	21.500	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	683043	21.596	ng/ul	99
45) 2-Nitroaniline	13.404	65	192440	22.001	ng/ul	100
47) Dimethylphthalate	13.769	163	844563	21.121	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	170492	21.326	ng/ul	99
50) Acenaphthylene	14.022	152	1073547	21.427	ng/ul	100
51) 3-Nitroaniline	14.246	138	169395	24.349	ng/ul	93
52) Acenaphthene	14.369	153	707429	21.273	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	76084	18.122	ng/ul	98
55) 4-Nitrophenol	14.587	109	113836	24.958	ng/ul	94
56) Dibenzofuran	14.710	168	975409	21.419	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	246590	22.469	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.963	232	213594	21.191	ng/ul#	97
59) Diethylphthalate	15.151	149	822572	20.583	ng/ul	100
61) Fluorene	15.375	166	773760	20.822	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	406580	20.163	ng/ul	99
63) 4-Nitroaniline	15.422	138	157514m	27.340	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.487	198	146431	20.108	ng/ul	99
67) N-Nitrosodiphenylamine	15.604	169	669926	20.270	ng/ul	99
68) 4-Bromophenyl-phenylether	16.293	248	261953	19.692	ng/ul	99
69) Hexachlorobenzene	16.404	284	310770	20.374	ng/ul	99
70) Atrazine	16.581	200	242760	20.155	ng/ul	99
71) Pentachlorophenol	16.769	266	172735	20.851	ng/ul	97
72) Phenanthrene	17.163	178	1251810	21.262	ng/ul	99
74) Anthracene	17.251	178	1300639	21.669	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.099	216	380145	20.927	ng/uL	98
76) Pentachlorobenzene	14.628	250	367108	20.338	ng/uL	98
77) Carbazole	17.551	167	1167484	23.794	ng/ul	100
78) Di-n-butylphthalate	18.122	149	1374832	20.309	ng/ul	99
80) Fluoranthene	19.257	202	1625621	16.967	ng/ul	98
82) Pyrene	19.634	202	1698667	17.423	ng/ul	100
83) Butylbenzylphthalate	20.581	149	705869	17.377	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	601119	20.500	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1856038	20.647	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1009754	17.273	ng/ul	100
87) Chrysene	21.604	228	1738102	20.808	ng/ul	99
89) Di-n-octyl phthalate	22.698	149	1864228	18.020	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	2028700	21.347	ng/ul	99
91) Benzo(k)fluoranthene	23.869	252	1941703	20.473	ng/ul	99
93) Benzo(a)pyrene	24.686	252	1851356	20.615	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.592	276	2343123m	20.248	ng/ul	
95) Dibenzo(a,h)anthracene	28.651	278	1954497m	20.396	ng/ul	
96) Benzo(g,h,i)perylene	29.751	276	1898578	20.145	ng/ul	98

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

