

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP021014.D
 Acq On : 17 Jul 2024 10:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020691

Quant Time: Jul 17 11:39:46 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	7.663	152	179151	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.428	136	753771	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.292	164	518759	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.116	188	1102879	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	1046363	20.000	ng/u1	0.02
88) Perylene-d12	24.880	264	1189108	20.000	ng/u1	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	32895	8.356	ng/uL	0.00
4) Pyridine-d5	3.652	84	237868	20.870	ng/u1	0.00
7) Phenol-d5	6.863	99	303352	20.769	ng/u1	-0.03
9) Bis-(2-Chloroethyl)eth...	7.016	67	183008	20.676	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.210	132	253802	21.091	ng/u1	-0.02
15) 4-Methylphenol-d8	8.381	113	255955	21.100	ng/u1	-0.01
21) Nitrobenzene-d5	8.822	128	125081	21.364	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	144650	21.586	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.075	165	263317	21.731	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.575	131	358446	22.330	ng/u1	-0.01
46) Dimethylphthalate-d6	13.692	166	816371	21.648	ng/u1	-0.02
49) Acenaphthylene-d8	13.975	160	905799	21.391	ng/u1	-0.03
54) 4-Nitrophenol-d4	14.551	143	117740	21.944	ng/u1	-0.02
60) Fluorene-d10	15.304	176	680164	21.985	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.457	200	143814	21.552	ng/u1	0.00
73) Anthracene-d10	17.216	188	1077834	22.004	ng/u1	0.00
81) Pyrene-d10	19.610	212	1247349	19.282	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.633	264	1247933	21.279	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	35322	8.158	ng/uL	96
5) Pyridine	3.669	79	247637	21.065	ng/u1	98
6) Benzaldehyde	6.834	77	189796	25.776	ng/u1	99
8) Phenol	6.893	94	307281	20.791	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.104	93	253158	20.735	ng/u1	99
12) 2-Chlorophenol	7.240	128	252496	20.935	ng/u1	99
13) 2-Methylphenol	8.116	108	243208	21.278	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.187	45	370446	21.001	ng/u1	98
16) Acetophenone	8.481	105	406037	21.687	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.457	70	203875	20.782	ng/u1	97
18) 4-Methylphenol	8.445	108	258740	21.130	ng/u1	98
19) Hexachloroethane	8.710	117	105923	19.543	ng/u1	99
22) Nitrobenzene	8.863	77	304984	21.746	ng/u1	100
23) Isophorone	9.375	82	597898	21.444	ng/u1	99
25) 2-Nitrophenol	9.551	139	154409	22.094	ng/u1	99
26) 2,4-Dimethylphenol	9.622	107	297413	21.581	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.839	93	357917	21.119	ng/u1	99
29) 2,4-Dichlorophenol	10.098	162	258402	21.639	ng/u1	99
30) Naphthalene	10.475	128	829586	20.923	ng/u1	100
32) 4-Chloroaniline	10.598	127	336510	21.954	ng/u1	100
33) Hexachlorobutadiene	10.739	225	184557	20.612	ng/u1	99
34) Caprolactam	11.398	113	87841	23.879	ng/u1	94
35) 4-Chloro-3-methylphenol	11.728	107	288145	22.199	ng/u1	99
36) 2-Methylnaphthalene	12.080	142	584817	21.488	ng/u1	98

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37) 1-Methylnaphthalene	12.310	142	611478	21.845	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	352417	20.918	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	164855	18.706	ng/ul	99
41) 2,4,6-Trichlorophenol	12.710	196	231949	21.789	ng/ul	99
42) 2,4,5-Trichlorophenol	12.792	196	241960	21.482	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	783194	20.658	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	622570	20.570	ng/ul	99
45) 2-Nitroaniline	13.375	65	189153	22.600	ng/ul	97
47) Dimethylphthalate	13.739	163	828248	21.646	ng/ul	99
48) 2,6-Dinitrotoluene	13.880	165	169521	22.159	ng/ul	99
50) Acenaphthylene	14.004	152	1013792	21.146	ng/ul	100
51) 3-Nitroaniline	14.222	138	162490	24.409	ng/ul	99
52) Acenaphthene	14.351	153	675838	21.239	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	104912	26.114	ng/ul	97
55) 4-Nitrophenol	14.569	109	92481m	21.189	ng/ul	
56) Dibenzofuran	14.692	168	921193	21.140	ng/ul	98
57) 2,4-Dinitrotoluene	14.686	165	244994	23.329	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.939	232	212273	22.009	ng/ul	96
59) Diethylphthalate	15.133	149	824246	21.554	ng/ul	100
61) Fluorene	15.357	166	769974	21.653	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	403326	20.903	ng/ul	98
63) 4-Nitroaniline	15.410	138	153879	27.912	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.474	198	150619	21.284	ng/ul	99
67) N-Nitrosodiphenylamine	15.580	169	658480	20.503	ng/ul	100
68) 4-Bromophenyl-phenylether	16.274	248	267916	20.725	ng/ul	98
69) Hexachlorobenzene	16.386	284	308077	20.785	ng/ul	100
70) Atrazine	16.568	200	265915	22.719	ng/ul	99
71) Pentachlorophenol	16.757	266	173842	21.595	ng/ul	97
72) Phenanthrene	17.157	178	1225206	21.415	ng/ul	99
74) Anthracene	17.251	178	1248273	21.401	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	341793	19.363	ng/uL	98
76) Pentachlorobenzene	14.616	250	351113	20.017	ng/uL	98
77) Carbazole	17.539	167	1115850	23.403	ng/ul	100
78) Di-n-butylphthalate	18.121	149	1475312	22.427	ng/ul	99
80) Fluoranthene	19.262	202	1459416	18.681	ng/ul	100
82) Pyrene	19.639	202	1535680	19.317	ng/ul	100
83) Butylbenzylphthalate	20.580	149	669039	20.199	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	500143	20.918	ng/ul	99
85) Benzo(a)anthracene	21.551	228	1515632	20.678	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	981653	20.594	ng/ul	99
87) Chrysene	21.609	228	1411652	20.726	ng/ul	99
89) Di-n-octyl phthalate	22.715	149	1690113	21.516	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	1552449	21.514	ng/ul	100
91) Benzo(k)fluoranthene	23.892	252	1498377	20.807	ng/ul	99
93) Benzo(a)pyrene	24.709	252	1410938	20.691	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.638	276	1780655	20.265	ng/ul	99
95) Dibenzo(a,h)anthracene	28.703	278	1476715	20.295	ng/ul	99
96) Benzo(g,h,i)perylene	29.791	276	1422962	19.884	ng/ul	98

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

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