

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
 Data File : BP020381.D
 Acq On : 15 May 2024 00:57
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020651

Quant Time: May 15 02:09:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 14 23:58:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	124809	20.000	ng/u1	0.00
20) Naphthalene-d8	10.357	136	537860	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	406936	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	952306	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	982120	20.000	ng/u1	0.00
88) Perylene-d12	24.957	264	1104342	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	22074	7.470	ng/uL	0.00
4) Pyridine-d5	3.593	84	150405	17.516	ng/u1	0.00
7) Phenol-d5	6.781	99	200305	18.688	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	118849	18.253	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	152184	19.861	ng/u1	0.00
15) 4-Methylphenol-d8	8.305	113	164861	19.025	ng/u1	0.00
21) Nitrobenzene-d5	8.752	128	78027	19.373	ng/u1	0.00
24) 2-Nitrophenol-d4	9.463	143	94018	20.384	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	178175	21.169	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	226367	19.216	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	577702	19.440	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	645631	19.668	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	85195	18.653	ng/u1	-0.02
60) Fluorene-d10	15.287	176	498618	20.117	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	119018	19.695	ng/u1	-0.01
73) Anthracene-d10	17.210	188	809609	19.652	ng/u1	0.00
81) Pyrene-d10	19.610	212	1018804	17.746	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.727	264	1028259	19.257	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	24137	7.198	ng/uL	96
5) Pyridine	3.611	79	153375	17.659	ng/u1	96
6) Benzaldehyde	6.769	77	116181	21.565	ng/u1	97
8) Phenol	6.805	94	204995	18.530	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.040	93	161976	18.711	ng/u1	99
12) 2-Chlorophenol	7.158	128	160271	20.034	ng/u1	95
13) 2-Methylphenol	8.034	108	159616	19.343	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.116	45	189881m	17.584	ng/u1	
16) Acetophenone	8.422	105	273143	18.992	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.399	70	148209	18.989	ng/u1	96
18) 4-Methylphenol	8.363	108	170359	18.994	ng/u1	92
19) Hexachloroethane	8.640	117	70758	19.341	ng/u1	91
22) Nitrobenzene	8.793	77	217818	18.839	ng/u1	98
23) Isophorone	9.310	82	418080	18.805	ng/u1	99
25) 2-Nitrophenol	9.499	139	98731	20.666	ng/u1	92
26) 2,4-Dimethylphenol	9.552	107	197167	18.916	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.793	93	224440	18.209	ng/u1	99
29) 2,4-Dichlorophenol	10.028	162	169339	20.684	ng/u1	98
30) Naphthalene	10.405	128	536943	19.368	ng/u1	100
32) 4-Chloroaniline	10.552	127	222133	19.284	ng/u1	97
33) Hexachlorobutadiene	10.669	225	126543	19.900	ng/u1	96
34) Caprolactam	11.363	113	61420m	21.486	ng/u1	
35) 4-Chloro-3-methylphenol	11.687	107	206986	20.306	ng/u1	99
36) 2-Methylnaphthalene	12.040	142	384788	19.948	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	387919	19.984	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.410	216	242554	19.112	ng/ul	98
40) Hexachlorocyclopentadiene	12.369	237	112295	16.269	ng/ul	96
41) 2,4,6-Trichlorophenol	12.675	196	155057	19.482	ng/ul	98
42) 2,4,5-Trichlorophenol	12.751	196	165428	19.316	ng/ul	96
43) 1,1'-Biphenyl	13.075	154	526831	18.304	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	430799	18.862	ng/ul	98
45) 2-Nitroaniline	13.357	65	146936	19.396	ng/ul	97
47) Dimethylphthalate	13.734	163	590294	19.666	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	122284	20.493	ng/ul	99
50) Acenaphthylene	13.981	152	721019	19.528	ng/ul	99
51) 3-Nitroaniline	14.216	138	114318	20.540	ng/ul	92
52) Acenaphthene	14.328	153	472421	19.039	ng/ul	100
53) 2,4-Dinitrophenol	14.440	184	74328	20.293	ng/ul	93
55) 4-Nitrophenol	14.540	109	88839	18.683	ng/ul	96
56) Dibenzofuran	14.675	168	678270	19.875	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	192826	22.476	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.916	232	160744	20.902	ng/ul	97
59) Diethylphthalate	15.128	149	598406	19.971	ng/ul	99
61) Fluorene	15.345	166	574665	20.267	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.345	204	307745	20.458	ng/ul	94
63) 4-Nitroaniline	15.410	138	106503	22.963	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.463	198	123086	19.533	ng/ul	95
67) N-Nitrosodiphenylamine	15.575	169	489126	18.447	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	198647	19.258	ng/ul	94
69) Hexachlorobenzene	16.369	284	238658	19.976	ng/ul	96
70) Atrazine	16.575	200	180069	19.152	ng/ul	98
71) Pentachlorophenol	16.745	266	136687	18.928	ng/ul	99
72) Phenanthrene	17.151	178	938730	19.320	ng/ul	99
74) Anthracene	17.245	178	967814	19.584	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	242639	17.144	ng/uL	98
76) Pentachlorobenzene	14.587	250	260533	18.395	ng/uL	99
77) Carbazole	17.545	167	839948	19.730	ng/ul	99
78) Di-n-butylphthalate	18.134	149	1037338	20.102	ng/ul	100
80) Fluoranthene	19.257	202	1177191	17.424	ng/ul	99
82) Pyrene	19.639	202	1222715	17.393	ng/ul	99
83) Butylbenzylphthalate	20.616	149	482281	18.073	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.516	252	378008	18.912	ng/ul	96
85) Benzo(a)anthracene	21.580	228	1278601	19.194	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	715718	18.592	ng/ul	96
87) Chrysene	21.645	228	1177305	19.069	ng/ul	100
89) Di-n-octyl phthalate	22.816	149	1211001	17.123	ng/ul	100
90) Benzo(b)fluoranthene	23.886	252	1276137	19.426	ng/ul	99
91) Benzo(k)fluoranthene	23.957	252	1278530	19.098	ng/ul	99
93) Benzo(a)pyrene	24.792	252	1219023	19.502	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.751	276	1474745m	19.246	ng/ul	
95) Dibenzo(a,h)anthracene	28.845	278	1214995	19.170	ng/ul	98
96) Benzo(g,h,i)perylene	29.939	276	1182398	19.133	ng/ul	98

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

