

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032524\
 Data File : BP019977.D
 Acq On : 25 Mar 2024 09:24
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020762

Quant Time: Mar 26 00:02:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 10:46:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
 Supervised By :mohammad ahmed 03/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.617	152	123391	20.000	ng/u1	0.00
20) Naphthalene-d8	10.369	136	502808	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.246	164	327212	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	628353	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	573974	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	666601	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	24252	8.612	ng/uL	0.00
4) Pyridine-d5	3.640	84	174709	20.545	ng/u1	0.00
7) Phenol-d5	6.799	99	214817	20.642	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.970	67	144389	21.296	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	156545	20.946	ng/u1	0.00
15) 4-Methylphenol-d8	8.305	113	168222	20.894	ng/u1	0.00
21) Nitrobenzene-d5	8.758	128	80008	20.760	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	88378	20.496	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	163617	20.777	ng/u1	0.00
31) 4-Chloroaniline-d4	10.516	131	213848	20.831	ng/u1	0.00
46) Dimethylphthalate-d6	13.652	166	457820	19.956	ng/u1	0.00
49) Acenaphthylene-d8	13.934	160	542233	20.233	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	64567	17.902	ng/u1	0.00
60) Fluorene-d10	15.257	176	395034	20.214	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	71996	19.142	ng/u1	0.00
73) Anthracene-d10	17.169	188	578963	20.815	ng/u1	0.00
81) Pyrene-d10	19.569	212	642300	19.073	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.610	264	658283	20.555	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.276	88	27480	8.551	ng/uL	98
5) Pyridine	3.658	79	180637	20.840	ng/u1	98
6) Benzaldehyde	6.787	77	136532	26.532	ng/u1	98
8) Phenol	6.828	94	225318	20.709	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.058	93	186007	21.110	ng/u1	99
12) 2-Chlorophenol	7.187	128	162551	20.638	ng/u1	96
13) 2-Methylphenol	8.058	108	166882	21.278	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.134	45	261353	21.571	ng/u1	97
16) Acetophenone	8.434	105	280296	21.583	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.411	70	156974	21.671	ng/u1	99
18) 4-Methylphenol	8.375	108	177134	20.983	ng/u1	98
19) Hexachloroethane	8.658	117	77211	21.106	ng/u1	98
22) Nitrobenzene	8.805	77	232140	21.147	ng/u1	99
23) Isophorone	9.322	82	433091	21.165	ng/u1	99
25) 2-Nitrophenol	9.505	139	94375	20.995	ng/u1	98
26) 2,4-Dimethylphenol	9.558	107	204548	20.845	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.799	93	253911	21.221	ng/u1	97
29) 2,4-Dichlorophenol	10.028	162	159157	20.660	ng/u1	98
30) Naphthalene	10.416	128	533477	20.681	ng/u1	99
32) 4-Chloroaniline	10.546	127	211456	20.988	ng/u1	98
33) Hexachlorobutadiene	10.681	225	122397	20.161	ng/u1	99
34) Caprolactam	11.352	113	47998m	20.044	ng/u1	
35) 4-Chloro-3-methylphenol	11.669	107	182953	21.379	ng/u1	97
36) 2-Methylnaphthalene	12.028	142	365839	21.301	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.252	142	364346	21.212	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.399	216	218291	20.178	ng/ul	99
40) Hexachlorocyclopentadiene	12.363	237	110648	18.074	ng/ul	99
41) 2,4,6-Trichlorophenol	12.657	196	132669	19.962	ng/ul	97
42) 2,4,5-Trichlorophenol	12.734	196	144154	20.971	ng/ul	99
43) 1,1'-Biphenyl	13.057	154	477534	20.152	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	383942	20.092	ng/ul	100
45) 2-Nitroaniline	13.328	65	123811	20.569	ng/ul	99
47) Dimethylphthalate	13.693	163	467799	20.202	ng/ul	100
48) 2,6-Dinitrotoluene	13.834	165	94772	20.158	ng/ul	99
50) Acenaphthylene	13.963	152	605045	20.188	ng/ul	99
51) 3-Nitroaniline	14.163	138	85250	19.689	ng/ul	93
52) Acenaphthene	14.316	153	406235	20.404	ng/ul	99
53) 2,4-Dinitrophenol	14.399	184	44930	16.792	ng/ul	95
55) 4-Nitrophenol	14.499	109	61741	18.654	ng/ul	94
56) Dibenzofuran	14.657	168	552094	20.418	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	129848	20.200	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.881	232	117679	19.963	ng/ul	97
59) Diethylphthalate	15.098	149	454358	19.786	ng/ul	98
61) Fluorene	15.316	166	448913	20.356	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.310	204	237658	20.120	ng/ul	97
63) 4-Nitroaniline	15.375	138	77178	20.871	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.434	198	78409	19.643	ng/ul	97
67) N-Nitrosodiphenylamine	15.540	169	371474	21.403	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	144532	21.194	ng/ul	98
69) Hexachlorobenzene	16.345	284	156737	20.698	ng/ul	99
70) Atrazine	16.540	200	134268	20.191	ng/ul	99
71) Pentachlorophenol	16.716	266	87127m	19.628	ng/ul	
72) Phenanthrene	17.110	178	669694	20.614	ng/ul	99
74) Anthracene	17.204	178	693763	21.032	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.016	216	217427	21.223	ng/uL	99
76) Pentachlorobenzene	14.563	250	203525	21.451	ng/uL	99
77) Carbazole	17.504	167	592950	21.021	ng/ul	99
78) Di-n-butylphthalate	18.092	149	722208	20.506	ng/ul	99
80) Fluoranthene	19.216	202	765690	19.357	ng/ul	99
82) Pyrene	19.598	202	800829	19.480	ng/ul	98
83) Butylbenzylphthalate	20.575	149	319585	19.144	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	261111	21.392	ng/ul	99
85) Benzo(a)anthracene	21.528	228	823028	20.721	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.475	149	472431	19.368	ng/ul	98
87) Chrysene	21.598	228	758945	20.552	ng/ul	99
89) Di-n-octyl phthalate	22.739	149	826097	19.540	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	811992	20.776	ng/ul	99
91) Benzo(k)fluoranthene	23.874	252	796689	20.060	ng/ul	99
93) Benzo(a)pyrene	24.680	252	773545	20.462	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.551	276	968073m	20.331	ng/ul	
95) Dibenzo(a,h)anthracene	28.651	278	808887	20.884	ng/ul	99
96) Benzo(g,h,i)perylene	29.721	276	787001m	20.463	ng/ul	

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

