

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051324\
 Data File : BP020348.D
 Acq On : 13 May 2024 08:23
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020796

Quant Time: May 13 23:48:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 13 10:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
 Supervised By :mohammad ahmed 05/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	93881	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	382025	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	262851	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	572857	20.000	ng/u1	0.00
79) Chrysene-d12	21.616	240	575467	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	653462	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	17099	7.692	ng/uL	0.00
4) Pyridine-d5	3.622	84	112003	17.340	ng/u1	0.00
7) Phenol-d5	6.805	99	145103	17.997	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	84349	17.222	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	110564	19.183	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	116105	17.812	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	56859	19.876	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	65585	20.020	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	119337	19.962	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	157051	18.771	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	363330	18.928	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	409193	19.298	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	38892	13.183	ng/u1	0.00
60) Fluorene-d10	15.304	176	315245	19.690	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	64190	17.658	ng/u1	0.00
73) Anthracene-d10	17.216	188	497335	20.068	ng/u1	0.00
81) Pyrene-d10	19.627	212	605214	17.991	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	604533	19.133	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	17215	6.825	ng/uL	94
5) Pyridine	3.640	79	110455	16.907	ng/u1	98
6) Benzaldehyde	6.787	77	81563	20.126	ng/u1	95
8) Phenol	6.834	94	145601	17.497	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.058	93	115892	17.798	ng/u1	99
12) 2-Chlorophenol	7.181	128	114401	19.011	ng/u1	98
13) 2-Methylphenol	8.057	108	110533	17.807	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.134	45	141055	17.365	ng/u1	96
16) Acetophenone	8.440	105	190273	17.588	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.416	70	100376	17.098	ng/u1	93
18) 4-Methylphenol	8.387	108	121836	18.059	ng/u1	97
19) Hexachloroethane	8.657	117	51947	18.877	ng/u1	86
22) Nitrobenzene	8.816	77	152324	18.548	ng/u1	98
23) Isophorone	9.328	82	280288	17.750	ng/u1	98
25) 2-Nitrophenol	9.516	139	68406	20.159	ng/u1	94
26) 2,4-Dimethylphenol	9.575	107	137758	18.608	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.816	93	159226	18.188	ng/u1	98
29) 2,4-Dichlorophenol	10.051	162	116710	20.071	ng/u1	96
30) Naphthalene	10.434	128	376759	19.134	ng/u1	99
32) 4-Chloroaniline	10.569	127	151809	18.555	ng/u1	99
33) Hexachlorobutadiene	10.687	225	91699	20.303	ng/u1	96
34) Caprolactam	11.381	113	37410m	18.425	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	137770	19.029	ng/u1	98
36) 2-Methylnaphthalene	12.057	142	262643	19.170	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	263193	19.090	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	166580	20.320	ng/ul	98
40) Hexachlorocyclopentadiene	12.387	237	50949	11.428	ng/ul	94
41) 2,4,6-Trichlorophenol	12.693	196	101990	19.839	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	111152	20.093	ng/ul	97
43) 1,1'-Biphenyl	13.092	154	351182	18.890	ng/ul	98
44) 2-Chloronaphthalene	13.134	162	292112	19.801	ng/ul	100
45) 2-Nitroaniline	13.375	65	89134	18.215	ng/ul	93
47) Dimethylphthalate	13.745	163	367547	18.957	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	76717	19.904	ng/ul	96
50) Acenaphthylene	13.998	152	464055	19.458	ng/ul	99
51) 3-Nitroaniline	14.228	138	67708	18.834	ng/ul	100
52) Acenaphthene	14.345	153	307734	19.201	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	32314	13.658	ng/ul	93
55) 4-Nitrophenol	14.569	109	59019	19.215	ng/ul	90
56) Dibenzofuran	14.692	168	429338	19.477	ng/ul	98
57) 2,4-Dinitrotoluene	14.698	165	114083	20.587	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.928	232	98460	19.821	ng/ul	98
59) Diethylphthalate	15.139	149	372847	19.264	ng/ul	99
61) Fluorene	15.357	166	357330	19.510	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.363	204	193773	19.942	ng/ul	94
63) 4-Nitroaniline	15.428	138	65532m	21.874	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	64534	17.025	ng/ul	95
67) N-Nitrosodiphenylamine	15.592	169	303267	19.013	ng/ul	98
68) 4-Bromophenyl-phenylether	16.286	248	124044	19.991	ng/ul	94
69) Hexachlorobenzene	16.386	284	145048	20.182	ng/ul	96
70) Atrazine	16.586	200	105552	18.663	ng/ul	97
71) Pentachlorophenol	16.757	266	79379	18.273	ng/ul	99
72) Phenanthrene	17.157	178	570692	19.526	ng/ul	98
74) Anthracene	17.263	178	587428	19.760	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	165170	19.400	ng/ul	96
76) Pentachlorobenzene	14.598	250	165002	19.366	ng/ul	98
77) Carbazole	17.563	167	516143	20.154	ng/ul	99
78) Di-n-butylphthalate	18.151	149	625856	20.162	ng/ul	99
80) Fluoranthene	19.280	202	711247	17.966	ng/ul	99
82) Pyrene	19.657	202	727877	17.671	ng/ul	100
83) Butylbenzylphthalate	20.633	149	293135	18.747	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.527	252	239247	20.428	ng/ul	94
85) Benzo(a)anthracene	21.592	228	743803	19.056	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.539	149	421187	18.672	ng/ul#	96
87) Chrysene	21.663	228	692148	19.133	ng/ul	99
89) Di-n-octyl phthalate	22.827	149	738896	17.656	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	727813	18.723	ng/ul	97
91) Benzo(k)fluoranthene	23.974	252	751882	18.980	ng/ul	99
93) Benzo(a)pyrene	24.804	252	710231	19.202	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.762	276	867338m	19.129	ng/ul	
95) Dibenzo(a,h)anthracene	28.839	278	720208	19.204	ng/ul	99
96) Benzo(g,h,i)perylene	29.939	276	689141	18.845	ng/ul	100

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

