

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
 Data File : BP020413.D
 Acq On : 16 May 2024 16:29
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020655

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 23:45:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	69544	20.000	ng/u1	0.00
20) Naphthalene-d8	10.352	136	288355	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	207803	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.116	188	502877	20.000	ng/u1	0.00
79) Chrysene-d12	21.616	240	553985	20.000	ng/u1	-0.01
88) Perylene-d12	24.974	264	606427	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	13642	8.285	ng/uL	0.00
4) Pyridine-d5	3.587	84	84508	17.662	ng/u1	0.00
7) Phenol-d5	6.775	99	105269	17.626	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	64607	17.808	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.122	132	81654	19.125	ng/u1	0.00
15) 4-Methylphenol-d8	8.293	113	87860	18.196	ng/u1	0.00
21) Nitrobenzene-d5	8.740	128	41218	19.089	ng/u1	0.00
24) 2-Nitrophenol-d4	9.463	143	47827	19.342	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	88886	19.698	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	116255	18.408	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	308522	20.331	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	330699	19.728	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	32818	14.071	ng/u1	0.00
60) Fluorene-d10	15.292	176	259558	20.507	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	56000	17.549	ng/u1	0.00
73) Anthracene-d10	17.216	188	435705	20.028	ng/u1	-0.02
81) Pyrene-d10	19.628	212	565747	17.470	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	588321	20.065	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	14472	7.745	ng/uL	98
5) Pyridine	3.605	79	86951	17.967	ng/u1	98
6) Benzaldehyde	6.763	77	61283	20.414	ng/u1	97
8) Phenol	6.799	94	112066	18.180	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.028	93	89637	18.583	ng/u1	99
12) 2-Chlorophenol	7.152	128	87231	19.569	ng/u1	98
13) 2-Methylphenol	8.028	108	82811	18.010	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.105	45	108320	18.002	ng/u1	98
16) Acetophenone	8.410	105	144527	18.035	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.387	70	76580	17.609	ng/u1	97
18) 4-Methylphenol	8.363	108	88602	17.729	ng/u1	90
19) Hexachloroethane	8.622	117	39748	19.499	ng/u1	85
22) Nitrobenzene	8.787	77	113689	18.341	ng/u1	99
23) Isophorone	9.305	82	211600	17.753	ng/u1	97
25) 2-Nitrophenol	9.499	139	51074	19.941	ng/u1	90
26) 2,4-Dimethylphenol	9.552	107	107053	19.158	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.793	93	119773	18.126	ng/u1	96
29) 2,4-Dichlorophenol	10.028	162	88274	20.112	ng/u1	99
30) Naphthalene	10.410	128	291597	19.619	ng/u1	99
32) 4-Chloroaniline	10.546	127	114020	18.463	ng/u1	98
33) Hexachlorobutadiene	10.663	225	70395	20.649	ng/u1	97
34) Caprolactam	11.375	113	30171m	19.687	ng/u1	
35) 4-Chloro-3-methylphenol	11.687	107	102504	18.757	ng/u1	94
36) 2-Methylnaphthalene	12.040	142	202299	19.562	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	204872	19.687	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	129634	20.003	ng/ul	98
40) Hexachlorocyclopentadiene	12.369	237	44646	12.667	ng/ul	97
41) 2,4,6-Trichlorophenol	12.681	196	78331	19.273	ng/ul	96
42) 2,4,5-Trichlorophenol	12.763	196	84441	19.308	ng/ul	96
43) 1,1'-Biphenyl	13.075	154	277096	18.853	ng/ul	100
44) 2-Chloronaphthalene	13.116	162	230408	19.756	ng/ul	99
45) 2-Nitroaniline	13.363	65	69681	18.012	ng/ul	96
47) Dimethylphthalate	13.734	163	310979	20.288	ng/ul	98
48) 2,6-Dinitrotoluene	13.869	165	60328	19.798	ng/ul	94
50) Acenaphthylene	13.981	152	377053	19.998	ng/ul	99
51) 3-Nitroaniline	14.216	138	53022	18.656	ng/ul	94
52) Acenaphthene	14.334	153	253424	20.001	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	29128	15.573	ng/ul	96
55) 4-Nitrophenol	14.563	109	50751	20.900	ng/ul	95
56) Dibenzofuran	14.681	168	357987	20.543	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	96086	21.932	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.922	232	85781	21.843	ng/ul	96
59) Diethylphthalate	15.134	149	328707	21.483	ng/ul	99
61) Fluorene	15.351	166	301766	20.841	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.357	204	161128	20.975	ng/ul	97
63) 4-Nitroaniline	15.434	138	52591m	22.205	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	58409	17.553	ng/ul	95
67) N-Nitrosodiphenylamine	15.587	169	257859	18.416	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	105597	19.386	ng/ul	99
69) Hexachlorobenzene	16.387	284	126203	20.004	ng/ul	96
70) Atrazine	16.592	200	92259	18.582	ng/ul	98
71) Pentachlorophenol	16.769	266	70323	18.441	ng/ul	96
72) Phenanthrene	17.157	178	509876	19.873	ng/ul	97
74) Anthracene	17.257	178	522834	20.035	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	130977	17.525	ng/uL	95
76) Pentachlorobenzene	14.592	250	137861	18.433	ng/uL	99
77) Carbazole	17.563	167	453233	20.161	ng/ul	98
78) Di-n-butylphthalate	18.151	149	562344	20.637	ng/ul	99
80) Fluoranthene	19.280	202	642772	16.866	ng/ul	100
82) Pyrene	19.663	202	692722	17.470	ng/ul	99
83) Butylbenzylphthalate	20.633	149	277721	18.450	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	227771	20.202	ng/ul	98
85) Benzo(a)anthracene	21.592	228	725199	19.300	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.539	149	412580	19.000	ng/ul	99
87) Chrysene	21.663	228	690340	19.823	ng/ul	100
89) Di-n-octyl phthalate	22.833	149	681811	17.556	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	711128	19.713	ng/ul	100
91) Benzo(k)fluoranthene	23.980	252	737869	20.071	ng/ul	100
93) Benzo(a)pyrene	24.821	252	678078	19.755	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.792	276	828295m	19.685	ng/ul	
95) Dibenzo(a,h)anthracene	28.880	278	673590	19.354	ng/ul	97
96) Benzo(g,h,i)perylene	29.968	276	659309m	19.428	ng/ul	

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

