

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032215.D
 Acq On : 24 Jun 2024 20:19
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020305

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :Jagrut Upadhyay 06/25/2024

Quant Time: Jun 24 23:16:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	277275	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	1110603	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.275	164	696666	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1418277	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1337414	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1602235	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	48102	7.177	ng/uL	0.00
4) Pyridine-d5	3.570	84	319642	16.942	ng/u1	0.00
7) Phenol-d5	6.811	99	401768	16.902	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	215408	15.493	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	345821	19.067	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	325820	16.815	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	166937	19.659	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	185068	21.098	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.040	165	323929	19.781	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	450623	18.533	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	902398	18.593	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1098601	19.686	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.510	143	172838	17.786	ng/u1	0.00
60) Fluorene-d10	15.269	176	802856	19.551	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	138541	19.434	ng/u1	0.00
73) Anthracene-d10	17.122	188	1245360	20.510	ng/u1	0.00
81) Pyrene-d10	19.428	212	1428455	19.959	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1486258	19.426	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	52379	7.304	ng/uL	94
5) Pyridine	3.593	79	318969	16.909	ng/u1	96
6) Benzaldehyde	6.787	77	206602	18.531	ng/u1	96
8) Phenol	6.840	94	419112	17.325	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.063	93	334198	16.707	ng/u1	96
12) 2-Chlorophenol	7.199	128	358578	18.892	ng/u1	95
13) 2-Methylphenol	8.075	108	318145	17.027	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	351218	15.253	ng/u1	97
16) Acetophenone	8.452	105	508504	17.317	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.434	70	225651	14.829	ng/u1#	97
18) 4-Methylphenol	8.405	108	345959	17.081	ng/u1	97
19) Hexachloroethane	8.687	117	151268	18.821	ng/u1	96
22) Nitrobenzene	8.828	77	359811	17.785	ng/u1	94
23) Isophorone	9.352	82	662306	15.958	ng/u1	96
25) 2-Nitrophenol	9.534	139	197684	20.627	ng/u1	92
26) 2,4-Dimethylphenol	9.599	107	349038	18.722	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.834	93	433562	16.762	ng/u1	98
29) 2,4-Dichlorophenol	10.063	162	319579	19.764	ng/u1	98
30) Naphthalene	10.457	128	1135736	19.759	ng/u1	99
32) 4-Chloroaniline	10.581	127	445191	18.859	ng/u1	99
33) Hexachlorobutadiene	10.728	225	207897	21.408	ng/u1	93
34) Caprolactam	11.363	113	122371	19.389	ng/u1	87
35) 4-Chloro-3-methylphenol	11.716	107	339373	17.956	ng/u1	99
36) 2-Methylnaphthalene	12.075	142	748959	19.063	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.299	142	758514	19.242	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.446	216	388617	21.092	ng/ul	96
40) Hexachlorocyclopentadiene	12.416	237	158928	14.967	ng/ul	96
41) 2,4,6-Trichlorophenol	12.698	196	245807	19.656	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	273388	20.117	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	971034	19.816	ng/ul	95
44) 2-Chloronaphthalene	13.146	162	769006	20.037	ng/ul	99
45) 2-Nitroaniline	13.363	65	185906	16.710	ng/ul#	83
47) Dimethylphthalate	13.740	163	944318	19.025	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	188778	19.134	ng/ul	94
50) Acenaphthylene	13.993	152	1258921	19.961	ng/ul	100
51) 3-Nitroaniline	14.198	138	204520	19.388	ng/ul	94
52) Acenaphthene	14.340	153	830076	19.891	ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	95411	19.155	ng/ul	95
55) 4-Nitrophenol	14.522	109	152976	21.221	ng/ul	93
56) Dibenzofuran	14.675	168	1124245	19.829	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	284176	19.629	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	221411	19.478	ng/ul	100
59) Diethylphthalate	15.110	149	949223	18.533	ng/ul	99
61) Fluorene	15.328	166	932936	20.434	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.322	204	448315	20.273	ng/ul	98
63) 4-Nitroaniline	15.363	138	219865m	21.894	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	152897	20.175	ng/ul#	96
67) N-Nitrosodiphenylamine	15.540	169	786190	20.111	ng/ul	98
68) 4-Bromophenyl-phenylether	16.222	248	286502	20.849	ng/ul	94
69) Hexachlorobenzene	16.328	284	321071	20.615	ng/ul	97
70) Atrazine	16.498	200	218981	17.741	ng/ul	97
71) Pentachlorophenol	16.681	266	182455	18.310	ng/ul	98
72) Phenanthrene	17.069	178	1493000	20.665	ng/ul	98
74) Anthracene	17.163	178	1498601	20.470	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	379754	20.803	ng/uL	95
76) Pentachlorobenzene	14.592	250	378721	21.300	ng/uL	99
77) Carbazole	17.439	167	1376875	22.057	ng/ul	97
78) Di-n-butylphthalate	17.998	149	1672121	19.470	ng/ul	99
80) Fluoranthene	19.092	202	1697917	19.852	ng/ul	96
82) Pyrene	19.457	202	1771986	20.193	ng/ul	95
83) Butylbenzylphthalate	20.363	149	778789	18.790	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.174	252	577658	22.524	ng/ul	94
85) Benzo(a)anthracene	21.245	228	1788352	19.977	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	1125724	18.632	ng/ul	98
87) Chrysene	21.304	228	1710908	20.461	ng/ul	98
89) Di-n-octyl phthalate	22.269	149	1993301	18.583	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1833386	19.144	ng/ul	98
91) Benzo(k)fluoranthene	23.316	252	1818799	19.354	ng/ul	98
93) Benzo(a)pyrene	24.045	252	1744384	19.448	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.457	276	2141001	20.714	ng/ul	98
95) Dibenzo(a,h)anthracene	27.498	278	1777251	21.061	ng/ul	96
96) Benzo(g,h,i)perylene	28.474	276	1736854	21.139	ng/ul	95

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

