

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061724\
 Data File : BN032035.D
 Acq On : 17 Jun 2024 16:21
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020295

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2024
 Supervised By :mohammad ahmed 06/19/2024

Quant Time: Jun 17 23:06:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	264150	20.000	ng/u1	0.00
20) Naphthalene-d8	10.428	136	1182909	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.298	164	786475	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1512624	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.286	240	923747	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1071719	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	42848	6.711	ng/uL	0.00
4) Pyridine-d5	3.575	84	301806	16.792	ng/u1	0.00
7) Phenol-d5	6.828	99	424926	18.765	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	227511	17.176	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.187	132	348735	20.183	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	363713	19.704	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	183990	20.343	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	200224	21.431	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.057	165	366062	20.987	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.581	131	499602	19.292	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1080015	19.712	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	1251022	19.857	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.522	143	187896	17.128	ng/u1	0.00
60) Fluorene-d10	15.292	176	913847	19.712	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	143537	18.879	ng/u1	0.00
73) Anthracene-d10	17.145	188	1291034	19.936	ng/u1	0.00
81) Pyrene-d10	19.451	212	1223969	24.761	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	970767	18.970	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	44855	6.566	ng/uL	96
5) Pyridine	3.593	79	302570	16.836	ng/u1	99
6) Benzaldehyde	6.805	77	215731	20.311	ng/u1	89
8) Phenol	6.858	94	430496	18.680	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.087	93	346372	18.176	ng/u1	94
12) 2-Chlorophenol	7.216	128	367217	20.309	ng/u1	96
13) 2-Methylphenol	8.099	108	342359	19.234	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.169	45	376931	17.183	ng/u1	99
16) Acetophenone	8.475	105	545453	19.498	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.457	70	256665	17.705	ng/u1#	97
18) 4-Methylphenol	8.422	108	377752	19.577	ng/u1	98
19) Hexachloroethane	8.716	117	145508	19.004	ng/u1	89
22) Nitrobenzene	8.852	77	390819	18.136	ng/u1	93
23) Isophorone	9.375	82	760480	17.204	ng/u1	96
25) 2-Nitrophenol	9.557	139	216411	21.201	ng/u1	92
26) 2,4-Dimethylphenol	9.616	107	391841	19.733	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.857	93	483723	17.558	ng/u1	99
29) 2,4-Dichlorophenol	10.087	162	362163	21.029	ng/u1	98
30) Naphthalene	10.481	128	1222789	19.974	ng/u1	99
32) 4-Chloroaniline	10.604	127	494254	19.658	ng/u1	99
33) Hexachlorobutadiene	10.751	225	217076	20.986	ng/u1	96
34) Caprolactam	11.387	113	120597	17.940	ng/u1	89
35) 4-Chloro-3-methylphenol	11.734	107	400312	19.886	ng/u1	98
36) 2-Methylnaphthalene	12.098	142	847047	20.242	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.322	142	852701	20.309	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.469	216	440320	21.170	ng/ul	97
40) Hexachlorocyclopentadiene	12.440	237	218238	18.205	ng/ul	99
41) 2,4,6-Trichlorophenol	12.722	196	297661	21.084	ng/ul	99
42) 2,4,5-Trichlorophenol	12.798	196	314991	20.532	ng/ul	93
43) 1,1'-Biphenyl	13.128	154	1109525	20.057	ng/ul	95
44) 2-Chloronaphthalene	13.169	162	886460	20.459	ng/ul	97
45) 2-Nitroaniline	13.387	65	223317	17.781	ng/ul#	83
47) Dimethylphthalate	13.763	163	1101881	19.664	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	227738	20.447	ng/ul	98
50) Acenaphthylene	14.016	152	1420716	19.954	ng/ul	99
51) 3-Nitroaniline	14.216	138	241224	20.256	ng/ul	94
52) Acenaphthene	14.363	153	943071	20.018	ng/ul	98
53) 2,4-Dinitrophenol	14.434	184	89398	15.899	ng/ul	91
55) 4-Nitrophenol	14.539	109	146677	18.024	ng/ul	88
56) Dibenzofuran	14.698	168	1285821	20.089	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	319660	19.559	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.928	232	252099	19.645	ng/ul	99
59) Diethylphthalate	15.128	149	1105643	19.122	ng/ul	100
61) Fluorene	15.351	166	1022002	19.828	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.345	204	498864	19.983	ng/ul	94
63) 4-Nitroaniline	15.381	138	238736m	21.059	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.445	198	155679	19.261	ng/ul	98
67) N-Nitrosodiphenylamine	15.563	169	883626	21.193	ng/ul	97
68) 4-Bromophenyl-phenylether	16.239	248	316378	21.587	ng/ul	99
69) Hexachlorobenzene	16.345	284	357469	21.520	ng/ul	97
70) Atrazine	16.522	200	249292	18.937	ng/ul	99
71) Pentachlorophenol	16.698	266	196983	18.535	ng/ul	94
72) Phenanthrene	17.092	178	1533592	19.903	ng/ul	98
74) Anthracene	17.180	178	1574637	20.167	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	439928	22.596	ng/ul	96
76) Pentachlorobenzene	14.616	250	437709	23.082	ng/ul	97
77) Carbazole	17.457	167	1374475	20.645	ng/ul	98
78) Di-n-butylphthalate	18.022	149	1836266	20.048	ng/ul	100
80) Fluoranthene	19.116	202	1549585	26.230	ng/ul	95
82) Pyrene	19.480	202	1488361	24.556	ng/ul	95
83) Butylbenzylphthalate	20.386	149	667418	23.314	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.204	252	359334	20.285	ng/ul	98
85) Benzo(a)anthracene	21.269	228	1227905	19.859	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	897034	21.496	ng/ul	99
87) Chrysene	21.327	228	1141333	19.762	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	1390798	19.384	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	1205404	18.817	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	1154830	18.372	ng/ul	99
93) Benzo(a)pyrene	24.074	252	1152356	19.207	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.509	276	1450630	20.982	ng/ul	97
95) Dibenzo(a,h)anthracene	27.562	278	1189626	21.076	ng/ul	96
96) Benzo(g,h,i)perylene	28.533	276	1179149	21.455	ng/ul	96

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

