Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
Data File : BN029540.D
Acq On : 07 Feb 2024 10:46
Operator : MA/JU
Sample : SSTD02010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020234

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 08 00:20:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 07 13:56:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	240587	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	1011616	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	540319	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	1049883	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	899087	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	1010996	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	55275	7.557	ng/uL	0.00
4) Pyridine-d5	3.740	84	363116	18.615	ng/ul	0.00
7) Phenol-d5	7.052	99	414232	18.407	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	285604	19.017	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	322472	19.775	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	312556	18.624	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	146373	18.643	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	128182	18.745	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	254101	18.826	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	425141	18.463	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	749103	18.622	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	887873	18.585	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	128880	16.880	ng/ul	0.00
60) Fluorene-d10	15.522	176	634837	18.551	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	80254	15.688	ng/ul	0.00
73) Anthracene-d10	17.380	188	923898	18.777	ng/ul	0.00
81) Pyrene-d10	19.680	212	1010757	18.733	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	929797	18.379	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	58000	7.656	ng/uL	100
5) Pyridine	3.758	79	378985	18.780	ng/ul	100
6) Benzaldehyde	7.034	77	248899m	24.523	ng/ul	
8) Phenol	7.075	94	428778	18.591	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.322	93	367939	18.972	ng/ul	100
12) 2-Chlorophenol	7.446	128	335054	19.583	ng/ul	100
13) 2-Methylphenol	8.328	108	308129	18.514	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.416	45	488836	19.300	ng/ul	100
16) Acetophenone	8.716	105	511607	19.154	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.704	70	272458	19.757	ng/ul	100
18) 4-Methylphenol	8.663	108	328869	18.700	ng/ul	100
19) Hexachloroethane	8.957	117	153746	19.364	ng/ul	100
22) Nitrobenzene	9.099	77	417547	18.769	ng/ul	100
23) Isophorone	9.622	82	733657	18.933	ng/ul	100
25) 2-Nitrophenol	9.804	139	145549	18.639	ng/ul	100
26) 2,4-Dimethylphenol	9.863	107	351932	18.806	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.110	93	461619	18.745	ng/ul	100
29) 2,4-Dichlorophenol	10.334	162	260642	18.688	ng/ul	100
30) Naphthalene	10.734	128	1067003	18.453	ng/ul	100
32) 4-Chloroaniline	10.857	127	413612	18.196	ng/ul	100
33) Hexachlorobutadiene	11.010	225	159450	18.525	ng/ul	100
34) Caprolactam	11.622	113	80708m	17.475	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	309363	19.204	ng/ul	100
36) 2-Methylnaphthalene	12.351	142	676691	19.091	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	660022	18.782	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.716	216	295991	18.481	ng/ul	100
40) Hexachlorocyclopentadiene	12.687	237	180020	17.196	ng/ul	100
41) 2,4,6-Trichlorophenol	12.957	196	170646	18.486	ng/ul	100
42) 2,4,5-Trichlorophenol	13.028	196	193015	18.608	ng/ul	100
43) 1,1'-Biphenyl	13.363	154	821298	18.024	ng/ul	100
44) 2-Chloronaphthalene	13.404	162	639907	18.069	ng/ul	100
45) 2-Nitroaniline	13.616	65	196176	18.841	ng/ul	100
47) Dimethylphthalate	13.998	163	755123	18.338	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	139243	18.897	ng/ul	100
50) Acenaphthylene	14.251	152	1063632	18.552	ng/ul	100
51) 3-Nitroaniline	14.445	138	153917	17.948	ng/ul	100
52) Acenaphthene	14.592	153	687042	18.140	ng/ul	100
53) 2,4-Dinitrophenol	14.651	184	57147	15.282	ng/ul	100
55) 4-Nitrophenol	14.745	109	120489	17.258	ng/ul	100
56) Dibenzofuran	14.928	168	915089	18.297	ng/ul	100
57) 2,4-Dinitrotoluene	14.904	165	196941	18.984	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.151	232	139219	18.911	ng/ul	100
59) Diethylphthalate	15.369	149	788082	18.631	ng/ul	100
61) Fluorene	15.581	166	733490	18.554	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	326125	18.445	ng/ul	100
63) 4-Nitroaniline	15.610	138	143281	19.141	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.663	198	94200	16.703	ng/ul	100
67) N-Nitrosodiphenylamine	15.798	169	611100	18.679	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	182759	18.391	ng/ul	100
69) Hexachlorobenzene	16.575	284	207558	18.531	ng/ul	100
70) Atrazine	16.757	200	184253	18.026	ng/ul	100
71) Pentachlorophenol	16.922	266	109515	16.836	ng/ul	100
72) Phenanthrene	17.322	178	1125130	18.526	ng/ul	100
74) Anthracene	17.416	178	1161567	19.058	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.322	216	282294	18.323	ng/uL	100
76) Pentachlorobenzene	14.839	250	249754	18.105	ng/uL	100
77) Carbazole	17.692	167	1026021	18.430	ng/ul	100
78) Di-n-butylphthalate	18.269	149	1282411	19.157	ng/ul	100
80) Fluoranthene	19.345	202	1211036	18.477	ng/ul	100
82) Pyrene	19.704	202	1276662	18.413	ng/ul	100
83) Butylbenzylphthalate	20.627	149	523826	18.537	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.404	252	333735	19.164	ng/ul	100
85) Benzo(a)anthracene	21.463	228	1243327	18.825	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	822791	18.824	ng/ul	100
87) Chrysene	21.516	228	1152840	18.625	ng/ul	100
89) Di-n-octyl phthalate	22.345	149	1319118	16.833	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1178738	18.510	ng/ul	100
91) Benzo(k)fluoranthene	23.180	252	1183973	18.165	ng/ul	100
93) Benzo(a)pyrene	23.751	252	1120946	18.355	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.309	276	1382972m	18.582	ng/ul	
95) Dibenzo(a,h)anthracene	26.339	278	1146382	18.883	ng/ul	100
96) Benzo(g,h,i)perylene	27.068	276	1133424	18.216	ng/ul	100

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

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