Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
Data File : BM044504.D
Acq On : 05 Mar 2024 16:28
Operator : MA/JU
Sample : SSTD08004
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD080024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 05 23:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 15:51:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	251279	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	1155085	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.375	164	683287	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1426522	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	1165943	20.000	ng/ul	0.00
88) Perylene-d12	23.562	264	1211806	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	245372	31.386	ng/uL	0.00
4) Pyridine-d5	3.681	84	1878885	86.527	ng/ul	0.00
7) Phenol-d5	6.910	99	2230475	91.543	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	1336721	85.306	ng/ul	0.00
11) 2-Chlorophenol-d4	7.269	132	1704437	93.581	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	1762820	94.755	ng/ul	0.00
21) Nitrobenzene-d5	8.898	128	877791	93.169	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	981640	100.845	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.145	165	1588925	93.150	ng/ul	0.00
31) 4-Chloroaniline-d4	10.663	131	2540508	88.249	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	4514058	85.618	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	5279088	87.174	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	1010906	94.664	ng/ul	0.02
60) Fluorene-d10	15.375	176	3722004	83.805	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	845346	93.908	ng/ul	0.02
73) Anthracene-d10	17.227	188	5642971	83.022	ng/ul	0.00
81) Pyrene-d10	19.521	212	6240574	89.003	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.427	264	5516481	88.741	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	254257	30.879	ng/uL	96
5) Pyridine	3.699	79	1930836	85.207	ng/ul	99
6) Benzaldehyde	6.893	77	787934m	74.745	ng/ul	
8) Phenol	6.940	94	2288467	90.809	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.181	93	1819910	86.371	ng/ul	99
12) 2-Chlorophenol	7.304	128	1728102	91.597	ng/ul	98
13) 2-Methylphenol	8.175	108	1727700	92.355	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.257	45	2380540	83.197	ng/ul	100
16) Acetophenone	8.563	105	2619645	88.128	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.563	70	1370675	92.045	ng/ul	98
18) 4-Methylphenol	8.516	108	1874238	93.530	ng/ul	95
19) Hexachloroethane	8.798	117	683280	85.853	ng/ul	95
22) Nitrobenzene	8.946	77	2005674	88.465	ng/ul	99
23) Isophorone	9.469	82	4106747	92.069	ng/ul	99
25) 2-Nitrophenol	9.645	139	1031578	95.749	ng/ul	98
26) 2,4-Dimethylphenol	9.704	107	1835332	90.366	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.951	93	2501923	86.912	ng/ul	99
29) 2,4-Dichlorophenol	10.169	162	1557715	90.359	ng/ul	100
30) Naphthalene	10.569	128	5480697	83.724	ng/ul	100
32) 4-Chloroaniline	10.692	127	2468272	88.201	ng/ul	98
33) Hexachlorobutadiene	10.834	225	836013	81.604	ng/ul	98
34) Caprolactam	11.504	113	599462m	96.917	ng/ul	
35) 4-Chloro-3-methylphenol	11.816	107	1843071	98.419	ng/ul	99
36) 2-Methylnaphthalene	12.181	142	3697315	87.786	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	3616921	86.828	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.551	216	1670116	83.571	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	1092964	79.963	ng/ul	100
41) 2,4,6-Trichlorophenol	12.798	196	1219232	94.106	ng/ul	99
42) 2,4,5-Trichlorophenol	12.869	196	1318634	94.356	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	4520129	82.066	ng/ul	100
44) 2-Chloronaphthalene	13.245	162	3588332	83.143	ng/ul	99
45) 2-Nitroaniline	13.469	65	1256597	103.166	ng/ul	95
47) Dimethylphthalate	13.851	163	4547753	84.495	ng/ul	99
48) 2,6-Dinitrotoluene	13.975	165	1010986	99.392	ng/ul	97
50) Acenaphthylene	14.098	152	5934023	83.138	ng/ul	100
51) 3-Nitroaniline	14.298	138	1019792	94.063	ng/ul	98
52) Acenaphthene	14.439	153	3902612	82.802	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	675157	103.852	ng/ul	95
55) 4-Nitrophenol	14.616	109	709143	96.820	ng/ul	92
56) Dibenzofuran	14.780	168	4993357	79.110	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	1405264	96.101	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.004	232	1064782	94.374	ng/ul	100
59) Diethylphthalate	15.216	149	4744377	85.638	ng/ul	100
61) Fluorene	15.427	166	3899314	76.709	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.427	204	1782387	74.476	ng/ul	98
63) 4-Nitroaniline	15.475	138	927827m	89.007	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.522	198	890080	90.910	ng/ul	99
67) N-Nitrosodiphenylamine	15.645	169	3621571	84.081	ng/ul	99
68) 4-Bromophenyl-phenylether	16.322	248	1224575	86.404	ng/ul	97
69) Hexachlorobenzene	16.422	284	1365154	84.227	ng/ul	98
70) Atrazine	16.610	200	1143323	80.372	ng/ul	99
71) Pentachlorophenol	16.769	266	956191	88.804	ng/ul	98
72) Phenanthrene	17.169	178	6679537	81.865	ng/ul	99
74) Anthracene	17.263	178	6682267	81.363	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.163	216	1657948	83.933	ng/uL	100
76) Pentachlorobenzene	14.686	250	1535590	81.204	ng/uL	99
77) Carbazole	17.533	167	6439862	82.841	ng/ul	99
78) Di-n-butylphthalate	18.104	149	8520043	86.333	ng/ul	99
80) Fluoranthene	19.186	202	7599378	90.613	ng/ul	97
82) Pyrene	19.551	202	7594894	86.521	ng/ul	97
83) Butylbenzylphthalate	20.462	149	3953775	98.700	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	1953971	74.700	ng/ul	99
85) Benzo(a)anthracene	21.298	228	7251814	83.362	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	4923342	80.880	ng/ul	100
87) Chrysene	21.351	228	6654628	81.433	ng/ul	98
89) Di-n-octyl phthalate	22.133	149	9778582	93.183	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	7028085	90.116	ng/ul	99
91) Benzo(k)fluoranthene	22.939	252	6711151	84.030	ng/ul	98
93) Benzo(a)pyrene	23.480	252	6372621	85.214	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.856	276	6700732	74.652	ng/ul	99
95) Dibenzo(a,h)anthracene	25.874	278	5547975	74.097	ng/ul	98
96) Benzo(g,h,i)perylene	26.556	276	5359436	73.932	ng/ul	99

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

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Instrument :
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