Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044492.D
Acq On : 02 Mar 2024 04:50
Operator : MA/JU
Sample : PB159374BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS374

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

Quant Time: Mar 02 05:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 02 03:49:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.446	152	233854m	20.000	ng/ul	0.15
20) Naphthalene-d8	11.310	136	920465	20.000	ng/ul	0.17
38) Acenaphthene-d10	15.069	164	475453	20.000	ng/ul	0.14
64) Phenanthrene-d10	17.798	188	808328	20.000	ng/ul	0.12
79) Chrysene-d12	21.939	240	713491	20.000	ng/ul	0.10
88) Perylene-d12	24.656	264	870339	20.000	ng/ul	0.17
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	43604	5.883	ng/uL	0.07
4) Pyridine-d5	4.028	84	602950	29.787	ng/ul	0.08
7) Phenol-d5	7.599	99	657365	29.344	ng/ul	0.15
9) Bis-(2-Chloroethyl)eth...	7.775	67	429854	29.631	ng/ul	0.15
11) 2-Chlorophenol-d4	7.957	132	533916	31.644	ng/ul	0.15
15) 4-Methylphenol-d8	9.193	113	484340	28.573	ng/ul	0.16
21) Nitrobenzene-d5	9.651	128	249215	33.299	ng/ul	0.17
24) 2-Nitrophenol-d4	10.387	143	265822	34.813	ng/ul	0.17
28) 2,4-Dichlorophenol-d3	10.934	165	444389	32.993	ng/ul	0.17
31) 4-Chloroaniline-d4	11.469	131	598006	26.435	ng/ul	0.17
46) Dimethylphthalate-d6	14.510	166	1123520	30.639	ng/ul	0.14
49) Acenaphthylene-d8	14.769	160	1390976	32.970	ng/ul	0.14
54) 4-Nitrophenol-d4	15.281	143	192015	26.315	ng/ul	0.14
60) Fluorene-d10	16.051	176	946893	30.509	ng/ul	0.13
65) 4,6-Dinitro-2-methylph...	16.180	200	149573	29.822	ng/ul	0.14
73) Anthracene-d10	17.898	188	1307043	33.912	ng/ul	0.12
81) Pyrene-d10	20.145	212	1375290	32.040	ng/ul	0.11
92) Benzo(a)pyrene-d12	24.480	264	1580339	35.436	ng/ul	0.17
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	90479	11.581	ng/uL	94
5) Pyridine	4.052	79	617132	29.142	ng/ul	97
6) Benzaldehyde	7.563	77	319766	32.883	ng/ul	100
8) Phenol	7.628	94	682632	29.314	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.875	93	577580	29.633	ng/ul	99
12) 2-Chlorophenol	7.993	128	544631	31.201	ng/ul	97
13) 2-Methylphenol	8.916	108	494278	28.811	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.999	45	770480	28.912	ng/ul	98
16) Acetophenone	9.304	105	783195	28.920	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.299	70	401275	29.579	ng/ul	99
18) 4-Methylphenol	9.257	108	519436	28.423	ng/ul	94
19) Hexachloroethane	9.540	117	231617	31.277	ng/ul	98
22) Nitrobenzene	9.693	77	586845	32.423	ng/ul	100
23) Isophorone	10.234	82	1096498	31.258	ng/ul	99
25) 2-Nitrophenol	10.416	139	282276	33.332	ng/ul	99
26) 2,4-Dimethylphenol	10.487	107	474185	29.324	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.740	93	703941	30.869	ng/ul	99
29) 2,4-Dichlorophenol	10.957	162	433373	31.791	ng/ul	99
30) Naphthalene	11.363	128	1638295	31.295	ng/ul	100
32) 4-Chloroaniline	11.493	127	475221	21.558	ng/ul	98
33) Hexachlorobutadiene	11.645	225	271540	33.064	ng/ul	99
34) Caprolactam	12.269	113	126797	26.909	ng/ul	99
35) 4-Chloro-3-methylphenol	12.598	107	441751	30.417	ng/ul	96
36) 2-Methylnaphthalene	12.945	142	1017627	30.519	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.157	142	991999	30.095	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.298	216	474882	33.740	ng/ul	98
40) Hexachlorocyclopentadiene	13.269	237	273221	28.853	ng/ul	99
41) 2,4,6-Trichlorophenol	13.539	196	281946	31.427	ng/ul	98
42) 2,4,5-Trichlorophenol	13.610	196	308736	31.834	ng/ul	100
43) 1,1'-Biphenyl	13.934	154	1233547m	31.868	ng/ul	
44) 2-Chloronaphthalene	13.975	162	979102	32.305	ng/ul	99
45) 2-Nitroaniline	14.186	65	275911	32.881	ng/ul	98
47) Dimethylphthalate	14.557	163	1141833	30.467	ng/ul	99
48) 2,6-Dinitrotoluene	14.675	165	222748	31.781	ng/ul	98
50) Acenaphthylene	14.798	152	1570898	31.436	ng/ul	100
51) 3-Nitroaniline	14.998	138	224661	30.384	ng/ul	94
52) Acenaphthene	15.133	153	1021082	30.951	ng/ul	100
53) 2,4-Dinitrophenol	15.198	184	87911	20.214	ng/ul	98
55) 4-Nitrophenol	15.292	109	130773	26.089	ng/ul	96
56) Dibenzofuran	15.469	168	1335490	30.156	ng/ul	100
57) 2,4-Dinitrotoluene	15.445	165	304059	30.197	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.686	232	220414	28.240	ng/ul	98
59) Diethylphthalate	15.898	149	1146907	29.730	ng/ul	100
61) Fluorene	16.110	166	1052897	29.601	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.110	204	517338	30.861	ng/ul	98
63) 4-Nitroaniline	16.139	138	229743	32.125	ng/ul	98
66) 4,6-Dinitro-2-methylph...	16.192	198	156499	28.524	ng/ul	97
67) N-Nitrosodiphenylamine	16.322	169	861874	35.184	ng/ul	100
68) 4-Bromophenyl-phenylether	16.998	248	288772	35.956	ng/ul	96
69) Hexachlorobenzene	17.092	284	319856	34.796	ng/ul	98
70) Atrazine	17.275	200	150979	18.815	ng/ul	98
71) Pentachlorophenol	17.445	266	163880	27.053	ng/ul	98
72) Phenanthrene	17.839	178	1519311	32.764	ng/ul	100
74) Anthracene	17.933	178	1538541	32.954	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.892	216	462125	40.842	ng/uL	98
76) Pentachlorobenzene	15.381	250	403582	37.362	ng/uL	98
77) Carbazole	18.210	167	1382702	31.496	ng/ul	99
78) Di-n-butylphthalate	18.774	149	1876769	33.764	ng/ul	100
80) Fluoranthene	19.816	202	1595989	31.002	ng/ul	100
82) Pyrene	20.174	202	1683226	31.177	ng/ul	98
83) Butylbenzylphthalate	21.074	149	759725	31.329	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.857	252	518287	32.476	ng/ul	99
85) Benzo(a)anthracene	21.921	228	1777556	33.405	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.862	149	1163630	31.342	ng/ul	99
87) Chrysene	21.980	228	1668093	33.348	ng/ul	100
89) Di-n-octyl phthalate	22.909	149	2006937	26.914	ng/ul	100
90) Benzo(b)fluoranthene	23.809	252	1892665	33.921	ng/ul	100
91) Benzo(k)fluoranthene	23.868	252	1916003	33.434	ng/ul	100
93) Benzo(a)pyrene	24.539	252	1852425	34.435	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.639	276	2301389m	35.377	ng/ul	
95) Dibenzo(a,h)anthracene	27.686	278	1910981	35.152	ng/ul	98
96) Benzo(g,h,i)perylene	28.562	276	1875556m	35.641	ng/ul	

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

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