Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044454.D
Acq On : 01 Mar 2024 00:00
Operator : MA/JU
Sample : PB159245BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS245

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

Quant Time: Mar 01 01:35:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 29 03:37:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	250370	20.000	ng/ul	0.02
20) Naphthalene-d8	10.780	136	1074662	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.610	164	642089	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.362	188	1282788	20.000	ng/ul	0.02
79) Chrysene-d12	21.550	240	1118368	20.000	ng/ul	0.02
88) Perylene-d12	23.991	264	1203493	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	35863	4.519	ng/uL	0.00
4) Pyridine-d5	3.793	84	541455	24.984	ng/ul	0.00
7) Phenol-d5	7.140	99	627555	26.165	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.316	67	394376	25.392	ng/ul	0.02
11) 2-Chlorophenol-d4	7.498	132	499867	27.672	ng/ul	0.02
15) 4-Methylphenol-d8	8.692	113	479352	26.414	ng/ul	0.02
21) Nitrobenzene-d5	9.151	128	246937	28.261	ng/ul	0.03
24) 2-Nitrophenol-d4	9.869	143	266860	29.935	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.404	165	460984	29.314	ng/ul	0.03
31) 4-Chloroaniline-d4	10.933	131	569834	21.576	ng/ul	0.03
46) Dimethylphthalate-d6	14.039	166	1306842	26.390	ng/ul	0.02
49) Acenaphthylene-d8	14.310	160	1558651	27.356	ng/ul	0.02
54) 4-Nitrophenol-d4	14.821	143	262287	26.617	ng/ul	0.02
60) Fluorene-d10	15.604	176	1132450	27.018	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.733	200	214729	26.978	ng/ul	0.02
73) Anthracene-d10	17.457	188	1710300	27.962	ng/ul	0.02
81) Pyrene-d10	19.750	212	1962681	29.171	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.833	264	1806551	29.295	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	83125	9.938	ng/uL#	96
5) Pyridine	3.816	79	597779	26.366	ng/ul	96
6) Benzaldehyde	7.116	77	251719	24.178	ng/ul	99
8) Phenol	7.169	94	706372	28.333	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.410	93	566585	27.151	ng/ul	99
12) 2-Chlorophenol	7.534	128	547116	29.275	ng/ul	97
13) 2-Methylphenol	8.422	108	519574	28.288	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.504	45	754350	26.439	ng/ul	97
16) Acetophenone	8.810	105	820512	28.300	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.798	70	421800	29.041	ng/ul	99
18) 4-Methylphenol	8.757	108	564255	28.839	ng/ul	100
19) Hexachloroethane	9.045	117	222717	28.092	ng/ul	96
22) Nitrobenzene	9.192	77	614109	29.061	ng/ul	99
23) Isophorone	9.722	82	1180489	28.824	ng/ul	98
25) 2-Nitrophenol	9.898	139	299267	30.268	ng/ul	99
26) 2,4-Dimethylphenol	9.963	107	455596	24.132	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.210	93	763361	28.671	ng/ul	99
29) 2,4-Dichlorophenol	10.433	162	482802	30.336	ng/ul	99
30) Naphthalene	10.833	128	1736853	28.417	ng/ul	99
32) 4-Chloroaniline	10.957	127	499480	19.408	ng/ul	99
33) Hexachlorobutadiene	11.110	225	275647	28.748	ng/ul	98
34) Caprolactam	11.745	113	165064	30.004	ng/ul	92
35) 4-Chloro-3-methylphenol	12.080	107	533323	31.454	ng/ul	96
36) 2-Methylnaphthalene	12.445	142	1145735	29.431	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	1116542	29.013	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	536256	28.213	ng/ul	98
40) Hexachlorocyclopentadiene	12.774	237	257124	20.106	ng/ul	98
41) 2,4,6-Trichlorophenol	13.051	196	330944	27.315	ng/ul	100
42) 2,4,5-Trichlorophenol	13.122	196	371830	28.389	ng/ul	99
43) 1,1'-Biphenyl	13.457	154	1431238	27.380	ng/ul	99
44) 2-Chloronaphthalene	13.492	162	1149361	28.081	ng/ul	100
45) 2-Nitroaniline	13.710	65	353807	31.221	ng/ul	96
47) Dimethylphthalate	14.086	163	1419584	28.048	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	289073	30.541	ng/ul	97
50) Acenaphthylene	14.339	152	1898109	28.126	ng/ul	100
51) 3-Nitroaniline	14.533	138	289662	29.008	ng/ul	99
52) Acenaphthene	14.674	153	1240184	27.837	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	148910	25.353	ng/ul	96
55) 4-Nitrophenol	14.833	109	195120	28.824	ng/ul	96
56) Dibenzofuran	15.010	168	1664984	27.839	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	422414	31.064	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.233	232	272584	25.860	ng/ul	100
59) Diethylphthalate	15.451	149	1495608	28.707	ng/ul	100
61) Fluorene	15.663	166	1369610	28.512	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.663	204	649691	28.698	ng/ul	99
63) 4-Nitroaniline	15.692	138	324420m	33.591	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.745	198	242573	27.859	ng/ul	95
67) N-Nitrosodiphenylamine	15.874	169	1160806	29.861	ng/ul	100
68) 4-Bromophenyl-phenylether	16.557	248	387681	30.417	ng/ul	97
69) Hexachlorobenzene	16.657	284	440527	30.198	ng/ul	96
70) Atrazine	16.833	200	98270	7.717	ng/ul	99
71) Pentachlorophenol	17.004	266	220664	22.954	ng/ul	98
72) Phenanthrene	17.404	178	2157326	29.316	ng/ul	99
74) Anthracene	17.492	178	2180736	29.433	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	536783	29.893	ng/uL	100
76) Pentachlorobenzene	14.927	250	507503	29.605	ng/uL	99
77) Carbazole	17.774	167	2096088	30.087	ng/ul	99
78) Di-n-butylphthalate	18.345	149	2785882	31.582	ng/ul	100
80) Fluoranthene	19.421	202	2475689	30.680	ng/ul	98
82) Pyrene	19.780	202	2569870	30.367	ng/ul	100
83) Butylbenzylphthalate	20.697	149	1277827	33.618	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	676099	27.027	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2503361	30.013	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	1980513	34.033	ng/ul	99
87) Chrysene	21.592	228	2347497	29.941	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	3410735	33.078	ng/ul	100
90) Benzo(b)fluoranthene	23.244	252	2486553	32.228	ng/ul	99
91) Benzo(k)fluoranthene	23.297	252	2368471	29.889	ng/ul	100
93) Benzo(a)pyrene	23.886	252	2279013	30.637	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.550	276	2719027	30.226	ng/ul	99
95) Dibenzo(a,h)anthracene	26.574	278	2279756	30.327	ng/ul	99
96) Benzo(g,h,i)perylene	27.332	276	2184640	30.023	ng/ul	98

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

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