Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044475.D
Acq On : 01 Mar 2024 17:52
Operator : MA/JU
Sample : PB159248BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS248

Quant Time: Mar 01 22:05:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 01 16:56:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	180675	20.000	ng/ul	0.02
20) Naphthalene-d8	10.910	136	761575	20.000	ng/ul	0.03
38) Acenaphthene-d10	14.739	164	432457	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.492	188	872788	20.000	ng/ul	0.02
79) Chrysene-d12	21.686	240	766797	20.000	ng/ul	0.02
88) Perylene-d12	24.227	264	824419	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	37419	6.534	ng/uL	0.01
4) Pyridine-d5	3.834	84	503020	32.165	ng/ul	0.00
7) Phenol-d5	7.234	99	582094	33.631	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.416	67	377462	33.678	ng/ul	0.03
11) 2-Chlorophenol-d4	7.599	132	462275	35.462	ng/ul	0.03
15) 4-Methylphenol-d8	8.804	113	433970	33.137	ng/ul	0.03
21) Nitrobenzene-d5	9.263	128	220988	35.688	ng/ul	0.03
24) 2-Nitrophenol-d4	9.987	143	236600	37.451	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.528	165	414211	37.169	ng/ul	0.03
31) 4-Chloroaniline-d4	11.063	131	512567	27.386	ng/ul	0.03
46) Dimethylphthalate-d6	14.169	166	1155299	34.639	ng/ul	0.02
49) Acenaphthylene-d8	14.433	160	1385476	36.104	ng/ul	0.02
54) 4-Nitrophenol-d4	14.951	143	228095	34.368	ng/ul	0.02
60) Fluorene-d10	15.733	176	1000364	35.436	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.863	200	185786	34.306	ng/ul	0.02
73) Anthracene-d10	17.592	188	1524929	36.643	ng/ul	0.02
81) Pyrene-d10	19.886	212	1742932	37.782	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.062	264	1641981	38.869	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	81910	13.570	ng/uL	97
5) Pyridine	3.858	79	569941	34.835	ng/ul	97
6) Benzaldehyde	7.210	77	234929	31.269	ng/ul	99
8) Phenol	7.263	94	653471	36.322	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.510	93	529262	35.146	ng/ul	98
12) 2-Chlorophenol	7.628	128	510788	37.875	ng/ul	99
13) 2-Methylphenol	8.534	108	471326	35.559	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.616	45	715392	34.746	ng/ul	98
16) Acetophenone	8.922	105	760643	36.355	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.910	70	387677	36.988	ng/ul	98
18) 4-Methylphenol	8.869	108	501049	35.487	ng/ul	98
19) Hexachloroethane	9.157	117	209325	36.587	ng/ul	98
22) Nitrobenzene	9.304	77	566839	37.851	ng/ul	99
23) Isophorone	9.840	82	1075052	37.041	ng/ul	99
25) 2-Nitrophenol	10.022	139	275789	39.361	ng/ul	99
26) 2,4-Dimethylphenol	10.087	107	408015	30.497	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.340	93	695835	36.879	ng/ul	100
29) 2,4-Dichlorophenol	10.557	162	431944	38.298	ng/ul	99
30) Naphthalene	10.957	128	1600758	36.958	ng/ul	100
32) 4-Chloroaniline	11.087	127	456646	25.038	ng/ul	99
33) Hexachlorobutadiene	11.240	225	253236	37.268	ng/ul	99
34) Caprolactam	11.875	113	144827	37.147	ng/ul	97
35) 4-Chloro-3-methylphenol	12.210	107	476122	39.624	ng/ul	100
36) 2-Methylnaphthalene	12.575	142	1031343	37.383	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.787	142	1007539	36.943	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.934	216	480333	37.520	ng/ul	99
40) Hexachlorocyclopentadiene	12.904	237	237576	27.583	ng/ul	98
41) 2,4,6-Trichlorophenol	13.181	196	292843	35.887	ng/ul	100
42) 2,4,5-Trichlorophenol	13.251	196	332477	37.690	ng/ul	98
43) 1,1'-Biphenyl	13.581	154	1295620	36.800	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	1028068	37.293	ng/ul	100
45) 2-Nitroaniline	13.839	65	310733	40.712	ng/ul	97
47) Dimethylphthalate	14.216	163	1265004	37.110	ng/ul	100
48) 2,6-Dinitrotoluene	14.339	165	255619	40.097	ng/ul	96
50) Acenaphthylene	14.463	152	1692879	37.245	ng/ul	100
51) 3-Nitroaniline	14.663	138	262648	39.053	ng/ul	96
52) Acenaphthene	14.804	153	1108746	36.950	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	127944	32.343	ng/ul	98
55) 4-Nitrophenol	14.963	109	170830	37.468	ng/ul	97
56) Dibenzofuran	15.139	168	1487394	36.925	ng/ul	100
57) 2,4-Dinitrotoluene	15.116	165	371656	40.580	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.363	232	235686	33.199	ng/ul	100
59) Diethylphthalate	15.580	149	1316618	37.522	ng/ul	100
61) Fluorene	15.792	166	1209900	37.397	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.792	204	571892	37.507	ng/ul	99
63) 4-Nitroaniline	15.822	138	290432	44.649	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.875	198	211967	35.780	ng/ul	95
67) N-Nitrosodiphenylamine	16.010	169	1019605	38.549	ng/ul	99
68) 4-Bromophenyl-phenylether	16.686	248	339769	39.181	ng/ul	98
69) Hexachlorobenzene	16.786	284	386270	38.918	ng/ul	99
70) Atrazine	16.969	200	78837	9.099	ng/ul	99
71) Pentachlorophenol	17.139	266	191026	29.205	ng/ul	99
72) Phenanthrene	17.539	178	1925086	38.449	ng/ul	99
74) Anthracene	17.627	178	1931544	38.316	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.539	216	475740	38.940	ng/uL	98
76) Pentachlorobenzene	15.051	250	448579	38.461	ng/uL	99
77) Carbazole	17.910	167	1851433	39.059	ng/ul	99
78) Di-n-butylphthalate	18.486	149	2400268	39.993	ng/ul	100
80) Fluoranthene	19.551	202	2201297	39.787	ng/ul	99
82) Pyrene	19.915	202	2311767	39.842	ng/ul	99
83) Butylbenzylphthalate	20.833	149	1095004	42.016	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.609	252	588215	34.295	ng/ul	100
85) Benzo(a)anthracene	21.674	228	2241350	39.192	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.615	149	1694471	42.468	ng/ul	99
87) Chrysene	21.727	228	2124410	39.519	ng/ul	99
89) Di-n-octyl phthalate	22.604	149	2914263	41.258	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	2208820	41.792	ng/ul	100
91) Benzo(k)fluoranthene	23.503	252	2199015	40.510	ng/ul	99
93) Benzo(a)pyrene	24.115	252	2064646	40.518	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.915	276	2453589	39.817	ng/ul	98
95) Dibenzo(a,h)anthracene	26.950	278	2057578	39.957	ng/ul	99
96) Benzo(g,h,i)perylene	27.744	276	1991932	39.961	ng/ul	98

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

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