Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044401.D
Acq On : 28 Feb 2024 13:12
Operator : MA/JU
Sample : PB159253BS
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS253

Quant Time: Feb 28 14:00:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 23:05:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	202935	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	881054	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.586	164	499756	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	1003928	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	816724	20.000	ng/ul	0.00
88) Perylene-d12	23.956	264	868164	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	41541	6.459	ng/uL	0.00
4) Pyridine-d5	3.781	84	592064	33.706	ng/ul	0.00
7) Phenol-d5	7.116	99	684743	35.223	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	429695	34.133	ng/ul	0.01
11) 2-Chlorophenol-d4	7.475	132	540556	36.919	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	518385	35.241	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	268316	37.455	ng/ul	0.01
24) 2-Nitrophenol-d4	9.840	143	285670	39.086	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	493612	38.287	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	713990	32.974	ng/ul	0.01
46) Dimethylphthalate-d6	14.016	166	1400339	36.331	ng/ul	0.01
49) Acenaphthylene-d8	14.286	160	1666367	37.577	ng/ul	0.01
54) 4-Nitrophenol-d4	14.798	143	272733	35.560	ng/ul	0.01
60) Fluorene-d10	15.580	176	1196399	36.673	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	223399	35.863	ng/ul	0.00
73) Anthracene-d10	17.439	188	1765073	36.873	ng/ul	0.00
81) Pyrene-d10	19.733	212	1933684	39.354	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	1721681	38.702	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	91564	13.506	ng/uL	95
5) Pyridine	3.805	79	641945	34.932	ng/ul	96
6) Benzaldehyde	7.093	77	358763	42.514	ng/ul	99
8) Phenol	7.140	94	747397	36.986	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.387	93	614081	36.306	ng/ul	97
12) 2-Chlorophenol	7.504	128	585718	38.667	ng/ul	98
13) 2-Methylphenol	8.399	108	549577	36.915	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	815860	35.279	ng/ul	98
16) Acetophenone	8.781	105	880986	37.488	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.775	70	452459	38.434	ng/ul	99
18) 4-Methylphenol	8.728	108	593674	37.435	ng/ul	99
19) Hexachloroethane	9.022	117	243080	37.827	ng/ul	94
22) Nitrobenzene	9.163	77	646326	37.306	ng/ul	98
23) Isophorone	9.693	82	1278598	38.080	ng/ul	99
25) 2-Nitrophenol	9.875	139	324941	40.087	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	493447	31.881	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.181	93	807840	37.010	ng/ul	100
29) 2,4-Dichlorophenol	10.404	162	514837	39.457	ng/ul	100
30) Naphthalene	10.804	128	1864068	37.201	ng/ul	100
32) 4-Chloroaniline	10.928	127	625805	29.659	ng/ul	98
33) Hexachlorobutadiene	11.081	225	296493	37.717	ng/ul	99
34) Caprolactam	11.716	113	173079	38.374	ng/ul	98
35) 4-Chloro-3-methylphenol	12.051	107	561169	40.368	ng/ul	97
36) 2-Methylnaphthalene	12.416	142	1212570	37.992	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	1190662	37.737	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	569595	38.501	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	293330	29.470	ng/ul	99
41) 2,4,6-Trichlorophenol	13.028	196	370157	39.253	ng/ul	98
42) 2,4,5-Trichlorophenol	13.098	196	402508	39.484	ng/ul	99
43) 1,1'-Biphenyl	13.428	154	1526209	37.512	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	1208731	37.942	ng/ul	99
45) 2-Nitroaniline	13.686	65	365849	41.479	ng/ul	97
47) Dimethylphthalate	14.063	163	1482717	37.639	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	303143	41.149	ng/ul	97
50) Acenaphthylene	14.310	152	1994595	37.973	ng/ul	99
51) 3-Nitroaniline	14.510	138	329737	42.426	ng/ul	94
52) Acenaphthene	14.651	153	1301382	37.530	ng/ul	100
53) 2,4-Dinitrophenol	14.716	184	155421	33.998	ng/ul	98
55) 4-Nitrophenol	14.810	109	193747	36.772	ng/ul	97
56) Dibenzofuran	14.992	168	1751384	37.624	ng/ul	100
57) 2,4-Dinitrotoluene	14.969	165	433220	40.933	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.216	232	309550	37.731	ng/ul	98
59) Diethylphthalate	15.427	149	1549890	38.222	ng/ul	99
61) Fluorene	15.639	166	1410075	37.715	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	672234	38.151	ng/ul	99
63) 4-Nitroaniline	15.675	138	337923	44.954	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.727	198	248193	36.423	ng/ul	98
67) N-Nitrosodiphenylamine	15.857	169	1196619	39.332	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	391803	39.280	ng/ul	97
69) Hexachlorobenzene	16.633	284	451510	39.548	ng/ul	98
70) Atrazine	16.816	200	236934	23.774	ng/ul	99
71) Pentachlorophenol	16.980	266	255421	33.949	ng/ul	99
72) Phenanthrene	17.380	178	2190850	38.041	ng/ul	100
74) Anthracene	17.474	178	2198880	37.921	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	564714	40.184	ng/uL	99
76) Pentachlorobenzene	14.904	250	527836	39.344	ng/uL	98
77) Carbazole	17.751	167	2063543	37.847	ng/ul	99
78) Di-n-butylphthalate	18.327	149	2784873	40.340	ng/ul	100
80) Fluoranthene	19.398	202	2417542	41.024	ng/ul	100
82) Pyrene	19.762	202	2502959	40.500	ng/ul	100
83) Butylbenzylphthalate	20.686	149	1212775	43.691	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.462	252	722846	39.568	ng/ul	99
85) Benzo(a)anthracene	21.521	228	2384143	39.141	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1867490	43.943	ng/ul	100
87) Chrysene	21.574	228	2200582	38.433	ng/ul	100
89) Di-n-octyl phthalate	22.415	149	3167921	42.589	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2253343	40.486	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	2302412	40.277	ng/ul	99
93) Benzo(a)pyrene	23.856	252	2143757	39.950	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.486	276	2571750	39.632	ng/ul	98
95) Dibenzo(a,h)anthracene	26.515	278	2159647	39.826	ng/ul	99
96) Benzo(g,h,i)perylene	27.262	276	2061861	39.280	ng/ul	98

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

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