Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
Data File : BM048573.D
Acq On : 09 Nov 2024 19:49
Operator : RC/JU
Sample : PB164612BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS612

Quant Time: Nov 09 21:52:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:50:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	197545	20.000	ng/ul	0.00
20) Naphthalene-d8	10.445	136	809618	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	495238	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	1014575	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	975699	20.000	ng/ul	0.00
88) Perylene-d12	24.191	264	1113392	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	25840	5.215	ng/uL	0.00
4) Pyridine-d5	3.540	84	366464	26.835	ng/ul	0.00
7) Phenol-d5	6.845	99	450220	29.939	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	252678	27.975	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132	383494	30.786	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	349101	29.524	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	179307	30.557	ng/ul	0.00
24) 2-Nitrophenol-d4	9.539	143	194984	31.240	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	354557	30.579	ng/ul	0.00
31) 4-Chloroaniline-d4	10.592	131	403839	24.521	ng/ul	0.00
46) Dimethylphthalate-d6	13.727	166	933418	29.526	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1112645	29.852	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	188471	32.098	ng/ul	0.00
60) Fluorene-d10	15.304	176	823489	29.841	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	154135	30.199	ng/ul	0.00
73) Anthracene-d10	17.151	188	1272305	29.634	ng/ul	0.00
81) Pyrene-d10	19.450	212	1530197	31.250	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.991	264	1599584	30.749	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.157	88	52849	9.718	ng/uL	97
5) Pyridine	3.557	79	375994	26.821	ng/ul	98
6) Benzaldehyde	6.810	77	30503	4.105	ng/ul	99
8) Phenol	6.869	94	461448	29.247	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.092	93	342813	27.648	ng/ul	98
12) 2-Chlorophenol	7.228	128	384671	29.808	ng/ul	99
13) 2-Methylphenol	8.110	108	341601	29.248	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.181	45	495647	27.183	ng/ul	97
16) Acetophenone	8.486	105	523927	28.426	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.469	70	251063	28.985	ng/ul	98
18) 4-Methylphenol	8.439	108	373909	29.238	ng/ul	98
19) Hexachloroethane	8.728	117	149723	27.454	ng/ul	97
22) Nitrobenzene	8.857	77	385354	28.963	ng/ul	96
23) Isophorone	9.386	82	711156	28.896	ng/ul	99
25) 2-Nitrophenol	9.569	139	207652	30.528	ng/ul	97
26) 2,4-Dimethylphenol	9.639	107	348134	27.401	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.869	93	446787	29.084	ng/ul	99
29) 2,4-Dichlorophenol	10.104	162	352959	30.010	ng/ul	96
30) Naphthalene	10.498	128	1149342	28.047	ng/ul	99
32) 4-Chloroaniline	10.616	127	250074	16.104	ng/ul	97
33) Hexachlorobutadiene	10.780	225	219732	27.607	ng/ul	96
34) Caprolactam	11.398	113	109756	29.609	ng/ul	88
35) 4-Chloro-3-methylphenol	11.751	107	348670	30.637	ng/ul	97
36) 2-Methylnaphthalene	12.116	142	750274	28.615	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.339	142	743633	27.636	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.492	216	402560	28.366	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	161913	22.321	ng/ul	100
41) 2,4,6-Trichlorophenol	12.739	196	269935	30.113	ng/ul	100
42) 2,4,5-Trichlorophenol	12.816	196	291327	30.517	ng/ul	97
43) 1,1'-Biphenyl	13.139	154	965586	28.515	ng/ul	99
44) 2-Chloronaphthalene	13.180	162	766299	28.678	ng/ul	100
45) 2-Nitroaniline	13.392	65	211622	31.536	ng/ul	95
47) Dimethylphthalate	13.774	163	917494	28.892	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	192272	31.760	ng/ul	97
50) Acenaphthylene	14.027	152	1180314	28.729	ng/ul	99
51) 3-Nitroaniline	14.227	138	195724	29.771	ng/ul	96
52) Acenaphthene	14.374	153	828499	28.644	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	94549	29.047	ng/ul	93
55) 4-Nitrophenol	14.545	109	131437	30.963	ng/ul	98
56) Dibenzofuran	14.710	168	1137776	28.515	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	282439	32.097	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.945	232	243397	30.651	ng/ul	97
59) Diethylphthalate	15.139	149	924613	29.552	ng/ul	99
61) Fluorene	15.363	166	904272	28.625	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.357	204	445633	28.633	ng/ul	99
63) 4-Nitroaniline	15.392	138	229306	35.421	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.451	198	161860	29.142	ng/ul	96
67) N-Nitrosodiphenylamine	15.574	169	762027	28.497	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	277622	29.014	ng/ul	99
69) Hexachlorobenzene	16.362	284	329130	28.501	ng/ul	98
70) Atrazine	16.527	200	270935	27.839	ng/ul	98
71) Pentachlorophenol	16.715	266	224156	30.541	ng/ul	96
72) Phenanthrene	17.098	178	1437820	28.574	ng/ul	99
74) Anthracene	17.186	178	1448502	28.684	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	395604	27.333	ng/uL	99
76) Pentachlorobenzene	14.633	250	379324	26.899	ng/uL	97
77) Carbazole	17.462	167	1378390	30.303	ng/ul	99
78) Di-n-butylphthalate	18.027	149	1631280	30.504	ng/ul	99
80) Fluoranthene	19.115	202	1719174	30.259	ng/ul	99
82) Pyrene	19.480	202	1840579	29.877	ng/ul	98
83) Butylbenzylphthalate	20.380	149	773743	32.697	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.192	252	520258	29.347	ng/ul	99
85) Benzo(a)anthracene	21.262	228	1834598	29.828	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.186	149	1111856	32.208	ng/ul	99
87) Chrysene	21.321	228	1729880	29.268	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1988982	31.689	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1880744	30.686	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	1835566	30.037	ng/ul	100
93) Benzo(a)pyrene	24.056	252	1726002	29.952	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.462	276	2232369	29.810	ng/ul	98
95) Dibenzo(a,h)anthracene	27.509	278	1820514	29.763	ng/ul	99
96) Benzo(g,h,i)perylene	28.479	276	1739996	29.633	ng/ul	99

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

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