Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033962.D
Acq On : 02 Feb 2022 05:11
Operator : CG/JU
Sample : PB142348BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS348

Quant Time: Feb 02 06:08:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 01 02:16:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	125104	20.000	ng/ul	0.00
20) Naphthalene-d8	10.736	136	549915	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.566	164	356459	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.301	188	686239	20.000	ng/ul	0.00
79) Chrysene-d12	21.465	240	519672	20.000	ng/ul	0.00
88) Perylene-d12	23.853	264	490881	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.290	96	16421	5.177	ng/uL	0.00
4) Pyridine-d5	3.713	84	231190	26.112	ng/ul	0.00
7) Phenol-d5	7.084	99	323970	30.911	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	191632	29.991	ng/ul	0.00
11) 2-Chlorophenol-d4	7.454	132	260748	31.052	ng/ul	0.00
15) 4-Methylphenol-d8	8.637	113	268167	32.290	ng/ul	0.00
21) Nitrobenzene-d5	9.090	128	130322	29.535	ng/ul	0.00
24) 2-Nitrophenol-d4	9.813	143	148263	31.115	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.360	165	265661	30.809	ng/ul	0.00
31) 4-Chloroaniline-d4	10.872	131	353080	29.652	ng/ul	0.00
46) Dimethylphthalate-d6	13.977	166	850103	31.914	ng/ul	0.00
49) Acenaphthylene-d8	14.260	160	996564	30.541	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143	147633	32.441	ng/ul	0.00
60) Fluorene-d10	15.554	176	694101	31.207	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.671	200	140806	32.683	ng/ul	0.00
73) Anthracene-d10	17.401	188	1054353	32.082	ng/ul	0.00
81) Pyrene-d10	19.683	212	1087026	35.431	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.700	264	864170	33.517	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	37547	10.847	ng/uL#	87
5) Pyridine	3.737	79	269403	29.478	ng/ul	84
6) Benzaldehyde	7.054	77	200059	31.614	ng/ul	84
8) Phenol	7.113	94	361363	33.621	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.343	93	281212	33.125	ng/ul	91
12) 2-Chlorophenol	7.490	128	286473	32.563	ng/ul#	89
13) 2-Methylphenol	8.372	108	277562	34.192	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.454	45	381367	33.371	ng/ul#	96
16) Acetophenone	8.754	105	456512	34.625	ng/ul#	86
17) N-Nitroso-di-n-propyla...	8.742	70	237674	35.508	ng/ul#	88
18) 4-Methylphenol	8.701	108	301455	34.808	ng/ul	96
19) Hexachloroethane	9.013	117	123471	32.347	ng/ul#	85
22) Nitrobenzene	9.131	77	342783	31.379	ng/ul#	91
23) Isophorone	9.666	82	659251	33.626	ng/ul#	95
25) 2-Nitrophenol	9.848	139	167312	32.726	ng/ul#	82
26) 2,4-Dimethylphenol	9.907	107	354816	31.816	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.148	93	392284	32.185	ng/ul	99
29) 2,4-Dichlorophenol	10.384	162	284022	32.967	ng/ul	96
30) Naphthalene	10.789	128	958970	31.526	ng/ul	99
32) 4-Chloroaniline	10.895	127	366458	30.310	ng/ul	98
33) Hexachlorobutadiene	11.084	225	196007	30.745	ng/ul	97
34) Caprolactam	11.678	113	96237	39.250	ng/ul#	76
35) 4-Chloro-3-methylphenol	12.019	107	347111	35.159	ng/ul	88
36) 2-Methylnaphthalene	12.395	142	657325	32.800	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.613	142	673065	32.763	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.766	216	347120	30.618	ng/ul	99
40) Hexachlorocyclopentadiene	12.748	237	231801	27.716	ng/ul	99
41) 2,4,6-Trichlorophenol	13.001	196	234133	33.165	ng/ul	97
42) 2,4,5-Trichlorophenol	13.072	196	254965	34.046	ng/ul	93
43) 1,1'-Biphenyl	13.401	154	896511	31.374	ng/ul	98
44) 2-Chloronaphthalene	13.448	162	677580	31.451	ng/ul	99
45) 2-Nitroaniline	13.642	65	229049	36.128	ng/ul#	84
47) Dimethylphthalate	14.025	163	908134	33.945	ng/ul	99
48) 2,6-Dinitrotoluene	14.136	165	187320	36.684	ng/ul	93
50) Acenaphthylene	14.289	152	1135471	32.637	ng/ul	99
51) 3-Nitroaniline	14.466	138	182988	36.299	ng/ul	89
52) Acenaphthene	14.630	153	735707	32.300	ng/ul	98
53) 2,4-Dinitrophenol	14.666	184	106111	34.054	ng/ul#	86
55) 4-Nitrophenol	14.772	109	149210	33.963	ng/ul	81
56) Dibenzofuran	14.960	168	1050185	32.764	ng/ul	100
57) 2,4-Dinitrotoluene	14.919	165	270003	37.059	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.189	232	218082	35.395	ng/ul	98
59) Diethylphthalate	15.383	149	948275	34.800	ng/ul	99
61) Fluorene	15.607	166	865136	33.725	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.601	204	436049	33.278	ng/ul	98
63) 4-Nitroaniline	15.624	138	192806	39.650	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.683	198	148239	34.438	ng/ul#	93
67) N-Nitrosodiphenylamine	15.813	169	743659	34.921	ng/ul	99
68) 4-Bromophenyl-phenylether	16.495	248	260513	35.135	ng/ul	98
69) Hexachlorobenzene	16.613	284	298596	35.220	ng/ul	95
70) Atrazine	16.760	200	259730	32.414	ng/ul	99
71) Pentachlorophenol	16.954	266	182464	33.555	ng/ul	95
72) Phenanthrene	17.342	178	1316011	34.104	ng/ul	99
74) Anthracene	17.436	178	1327689	34.236	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.372	216	352627	29.402	ng/uL	99
76) Pentachlorobenzene	14.883	250	356126	33.309	ng/uL	98
77) Carbazole	17.701	167	1161640	33.841	ng/ul	99
78) Di-n-butylphthalate	18.265	149	1506735	35.300	ng/ul	98
80) Fluoranthene	19.354	202	1401190	38.154	ng/ul	99
82) Pyrene	19.712	202	1408610	37.528	ng/ul	99
83) Butylbenzylphthalate	20.601	149	580814	37.977	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.377	252	373300	36.098	ng/ul	97
85) Benzo(a)anthracene	21.448	228	1193100	35.440	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.377	149	817230	36.643	ng/ul	100
87) Chrysene	21.500	228	1158851	35.223	ng/ul	99
89) Di-n-octyl phthalate	22.295	149	1303111	36.660	ng/ul	100
90) Benzo(b)fluoranthene	23.124	252	1173065	35.180	ng/ul	100
91) Benzo(k)fluoranthene	23.171	252	1083309	35.387	ng/ul	99
93) Benzo(a)pyrene	23.747	252	1119813	35.515	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.353	276	1303282	35.759	ng/ul	97
95) Dibenzo(a,h)anthracene	26.365	278	1140194	36.144	ng/ul	98
96) Benzo(g,h,i)perylene	27.118	276	1100668	35.917	ng/ul	99

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

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