Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037741.D
Acq On : 26 Nov 2022 19:56
Operator : CG/JU
Sample : PB149203BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS203

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/28/2022
Supervised By :mohammad ahmed 11/28/2022

Quant Time: Nov 27 21:29:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:27:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	253518	20.000	ng/ul	0.00
20) Naphthalene-d8	10.933	136	1201914	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.739	164	819822	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	1739426	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.639	240	1611699	20.000	ng/ul	# 0.00
88) Perylene-d12	24.133	264	1411340	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	32204	5.268	ng/uL	0.00
4) Pyridine-d5	3.869	84	505534	25.406	ng/ul	0.00
7) Phenol-d5	7.263	99	733930	29.018	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	459849	27.255	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	550544	31.326	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	591320	29.380	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	304160	32.280	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	329702	35.511	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	592797	34.890	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	812238	28.809	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	1849780	31.854	ng/ul	0.00
49) Acenaphthylene-d8	14.433	160	2161061	31.529	ng/ul	0.00
54) 4-Nitrophenol-d4	14.927	143	380675	29.761	ng/ul	0.00
60) Fluorene-d10	15.721	176	1638035	32.208	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	315868	33.757	ng/ul	0.00
73) Anthracene-d10	17.574	188	2542046	31.251	ng/ul	0.00
81) Pyrene-d10	19.850	212	2876071	35.116	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	2347299	32.312	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	67100	9.984	ng/uL#	90
5) Pyridine	3.893	79	528024	26.097	ng/ul	98
6) Benzaldehyde	7.240	77	460824	34.714	ng/ul	99
8) Phenol	7.287	94	729207	27.505	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.528	93	562085	26.152	ng/ul	95
12) 2-Chlorophenol	7.669	128	561071	29.224	ng/ul	99
13) 2-Methylphenol	8.551	108	554761	27.429	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.645	45	964387	24.841	ng/ul	98
16) Acetophenone	8.939	105	906699	27.366	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.928	70	508283	26.175	ng/ul	99
18) 4-Methylphenol	8.886	108	622488	27.858	ng/ul	98
19) Hexachloroethane	9.204	117	241428	29.075	ng/ul#	84
22) Nitrobenzene	9.322	77	751011	29.231	ng/ul	100
23) Isophorone	9.857	82	1430231	27.621	ng/ul	98
25) 2-Nitrophenol	10.039	139	340933	32.467	ng/ul	98
26) 2,4-Dimethylphenol	10.092	107	642714	27.870	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.333	93	808689	27.225	ng/ul	99
29) 2,4-Dichlorophenol	10.575	162	579736	33.353	ng/ul	97
30) Naphthalene	10.986	128	1952476	29.710	ng/ul	100
32) 4-Chloroaniline	11.092	127	816054	27.775	ng/ul	99
33) Hexachlorobutadiene	11.269	225	338843	37.135	ng/ul	99
34) Caprolactam	11.875	113	206333m	28.502	ng/ul	
35) 4-Chloro-3-methylphenol	12.204	107	676519	30.447	ng/ul	100
36) 2-Methylnaphthalene	12.580	142	1372579	30.066	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.798	142	1378836	30.022	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.945	216	656066	32.591	ng/ul	96
40) Hexachlorocyclopentadiene	12.922	237	378025	30.156	ng/ul	98
41) 2,4,6-Trichlorophenol	13.180	196	458104	31.603	ng/ul	100
42) 2,4,5-Trichlorophenol	13.251	196	505741	32.608	ng/ul	97
43) 1,1'-Biphenyl	13.574	154	1832076	29.428	ng/ul	97
44) 2-Chloronaphthalene	13.621	162	1407263	29.083	ng/ul	99
45) 2-Nitroaniline	13.821	65	522603	28.487	ng/ul	91
47) Dimethylphthalate	14.192	163	1837080	29.762	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	384609	32.268	ng/ul	98
50) Acenaphthylene	14.463	152	2303750	29.735	ng/ul	100
51) 3-Nitroaniline	14.639	138	432590	29.910	ng/ul	93
52) Acenaphthene	14.798	153	1613387	29.118	ng/ul	99
53) 2,4-Dinitrophenol	14.839	184	217936	31.164	ng/ul	93
55) 4-Nitrophenol	14.939	109	334890	29.216	ng/ul	89
56) Dibenzofuran	15.133	168	2152287	29.761	ng/ul	99
57) 2,4-Dinitrotoluene	15.092	165	555467	31.760	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.357	232	425704	33.454	ng/ul	90
59) Diethylphthalate	15.545	149	1927341	28.930	ng/ul	97
61) Fluorene	15.780	166	1846110	29.468	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.768	204	874046	31.983	ng/ul	96
63) 4-Nitroaniline	15.798	138	462057	33.614	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.851	198	308313	31.046	ng/ul#	96
67) N-Nitrosodiphenylamine	15.980	169	1570922	29.066	ng/ul	99
68) 4-Bromophenyl-phenylether	16.662	248	499849	35.727	ng/ul	92
69) Hexachlorobenzene	16.780	284	550833	30.655	ng/ul	92
70) Atrazine	16.927	200	498382	27.167	ng/ul	98
71) Pentachlorophenol	17.121	266	363715	30.571	ng/ul	98
72) Phenanthrene	17.515	178	2970940	29.157	ng/ul	99
74) Anthracene	17.609	178	2971531	28.725	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	661897	31.809	ng/uL	99
76) Pentachlorobenzene	15.051	250	645637	29.173	ng/uL	100
77) Carbazole	17.874	167	2748991	27.952	ng/ul	100
78) Di-n-butylphthalate	18.427	149	3502917	24.606	ng/ul	100
80) Fluoranthene	19.521	202	3433815	32.820	ng/ul#	93
82) Pyrene	19.880	202	3568835	32.295	ng/ul	95
83) Butylbenzylphthalate	20.762	149	1608592	31.248	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.550	252	1098436	33.935	ng/ul	97
85) Benzo(a)anthracene	21.621	228	3253432	30.174	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	2327988	29.932	ng/ul#	96
87) Chrysene	21.680	228	3039412	29.955	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	3940426	32.684	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	2958558	30.836	ng/ul	97
91) Benzo(k)fluoranthene	23.415	252	2878031	30.759	ng/ul	97
93) Benzo(a)pyrene	24.021	252	2496722	29.940	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.738	276	2516782	26.308	ng/ul	93
95) Dibenzo(a,h)anthracene	26.756	278	2229740	25.959	ng/ul	96
96) Benzo(g,h,i)perylene	27.550	276	2100321	25.212	ng/ul	94

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

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