Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090822\
Data File : BM036528.D
Acq On : 08 Sep 2022 12:37
Operator : CG/JU
Sample : PB147480BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS480

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/09/2022
Supervised By :mohammad ahmed 09/19/2022

Quant Time: Sep 08 13:07:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 02 01:33:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	181041	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	866096	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	574091	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.115	188	1255513	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1069943	20.000	ng/ul	0.00
88) Perylene-d12	23.597	264	875406	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	32550	6.852	ng/uL	0.00
4) Pyridine-d5	3.546	84	440839	33.652	ng/ul	-0.01
7) Phenol-d5	6.899	99	569323	36.841	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.057	67	355887	36.587	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.246	132	457567	37.685	ng/ul	-0.01
15) 4-Methylphenol-d8	8.445	113	465020	40.302	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128	239895	36.533	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.604	143	263258	39.524	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.145	165	470587	39.540	ng/ul	0.00
31) 4-Chloroaniline-d4	10.663	131	492387	26.687	ng/ul	-0.01
46) Dimethylphthalate-d6	13.792	166	1417925	39.040	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	1718468	37.936	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	282414	41.037	ng/ul	0.00
60) Fluorene-d10	15.363	176	1404073	42.782	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	259172	40.152	ng/ul	0.00
73) Anthracene-d10	17.215	188	2121935	38.010	ng/ul	0.00
81) Pyrene-d10	19.515	212	2325490	41.899	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.450	264	1697260	39.544	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	71688	14.328	ng/uL	96
5) Pyridine	3.569	79	496322	36.676	ng/ul	95
6) Benzaldehyde	6.863	77	76593	12.066	ng/ul	92
8) Phenol	6.922	94	607437	37.807	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.151	93	475896	37.032	ng/ul	99
12) 2-Chlorophenol	7.281	128	484356	38.148	ng/ul	99
13) 2-Methylphenol	8.175	108	475188	40.122	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.257	45	705497	41.034	ng/ul	99
16) Acetophenone	8.551	105	762128	41.067	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.540	70	399589	43.260	ng/ul	97
18) 4-Methylphenol	8.504	108	519543	40.981	ng/ul	98
19) Hexachloroethane	8.787	117	205702	38.725	ng/ul	92
22) Nitrobenzene	8.928	77	577987	37.148	ng/ul	98
23) Isophorone	9.457	82	1129354	40.874	ng/ul	97
25) 2-Nitrophenol	9.640	139	291746	39.314	ng/ul	96
26) 2,4-Dimethylphenol	9.704	107	573943	38.674	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.945	93	678356	37.712	ng/ul	99
29) 2,4-Dichlorophenol	10.169	162	487487	40.035	ng/ul	98
30) Naphthalene	10.563	128	1663117	36.586	ng/ul	99
32) 4-Chloroaniline	10.692	127	343483	18.303	ng/ul	100
33) Hexachlorobutadiene	10.839	225	300112	39.232	ng/ul	99
34) Caprolactam	11.486	113	156993m	43.031	ng/ul	
35) 4-Chloro-3-methylphenol	11.828	107	541651	43.995	ng/ul	97
36) 2-Methylnaphthalene	12.186	142	1155532	40.516	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	1166303	40.605	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.551	216	570224	35.936	ng/ul	98
40) Hexachlorocyclopentadiene	12.522	237	278766	29.613	ng/ul	97
41) 2,4,6-Trichlorophenol	12.804	196	376130	37.670	ng/ul	100
42) 2,4,5-Trichlorophenol	12.880	196	420137	39.669	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	1580030	36.594	ng/ul	99
44) 2-Chloronaphthalene	13.245	162	1203511	36.324	ng/ul	99
45) 2-Nitroaniline	13.469	65	376831	42.001	ng/ul	98
47) Dimethylphthalate	13.839	163	1495893	40.013	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	309340	43.854	ng/ul	89
50) Acenaphthylene	14.092	152	2025620	37.919	ng/ul	100
51) 3-Nitroaniline	14.298	138	326177	42.283	ng/ul	99
52) Acenaphthene	14.433	153	1328007	38.141	ng/ul	98
53) 2,4-Dinitrophenol	14.510	184	175492	45.651	ng/ul	93
55) 4-Nitrophenol	14.616	109	241944	44.496	ng/ul	80
56) Dibenzofuran	14.769	168	2038339	42.191	ng/ul	96
57) 2,4-Dinitrotoluene	14.757	165	497165	49.698	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	14.998	232	347213	43.177	ng/ul#	89
59) Diethylphthalate	15.204	149	1755807	47.644	ng/ul	99
61) Fluorene	15.421	166	1690292	44.110	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.416	204	806100	45.033	ng/ul	100
63) 4-Nitroaniline	15.463	138	407346m	56.607	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.516	198	268249	41.104	ng/ul#	92
67) N-Nitrosodiphenylamine	15.639	169	1392540	38.796	ng/ul	98
68) 4-Bromophenyl-phenylether	16.310	248	462457	39.780	ng/ul	96
69) Hexachlorobenzene	16.416	284	557399	39.564	ng/ul	96
70) Atrazine	16.592	200	22689	1.850	ng/ul	97
71) Pentachlorophenol	16.768	266	293059	37.731	ng/ul	99
72) Phenanthrene	17.157	178	2540413	38.489	ng/ul	98
74) Anthracene	17.251	178	2583153	39.038	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.163	216	579661	30.770	ng/uL	98
76) Pentachlorobenzene	14.686	250	610305	34.696	ng/uL	100
77) Carbazole	17.527	167	2375827	38.347	ng/ul	99
78) Di-n-butylphthalate	18.092	149	3071029	45.319	ng/ul	99
80) Fluoranthene	19.180	202	2917745	43.499	ng/ul	98
82) Pyrene	19.545	202	2982821	42.613	ng/ul	96
83) Butylbenzylphthalate	20.451	149	1343417	51.301	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.233	252	834203	37.862	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2590753	40.293	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	2018947	55.840	ng/ul	98
87) Chrysene	21.345	228	2493725	39.472	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	3081299	59.210	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	2287917	42.867	ng/ul	98
91) Benzo(k)fluoranthene	22.950	252	2150651	42.354	ng/ul	97
93) Benzo(a)pyrene	23.497	252	2112211	40.228	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.962	276	2160253	34.993	ng/ul	95
95) Dibenzo(a,h)anthracene	25.980	278	1864659	35.064	ng/ul	97
96) Benzo(g,h,i)perylene	26.685	276	1780746	33.731	ng/ul	97

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

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