Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
Data File : BM044546.D
Acq On : 07 Mar 2024 09:55
Operator : MA/JU
Sample : PB159484BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS484

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 07 10:43:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	255180	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	1145037	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	721896	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1418746	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1018089	20.000	ng/ul	0.00
88) Perylene-d12	23.551	264	925342	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	45801	6.088	ng/uL	0.00
4) Pyridine-d5	3.681	84	689627	31.142	ng/ul	0.00
7) Phenol-d5	6.899	99	910354	34.699	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	564826	34.855	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	686775	35.622	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	714659	34.686	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128	353184	36.630	ng/ul	0.00
24) 2-Nitrophenol-d4	9.598	143	396867	38.181	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	686099	38.784	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	978325	33.298	ng/ul	0.00
46) Dimethylphthalate-d6	13.786	166	1996653	35.259	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	2320080	35.824	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	390896	33.286	ng/ul	0.00
60) Fluorene-d10	15.363	176	1692636	35.569	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	342331	37.172	ng/ul	0.00
73) Anthracene-d10	17.216	188	2502378	36.900	ng/ul	0.00
81) Pyrene-d10	19.510	212	2676607	42.865	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.403	264	1866950	38.385	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	97581	12.528	ng/uL	97
5) Pyridine	3.699	79	729801	31.775	ng/ul	99
6) Benzaldehyde	6.887	77	445637	38.998	ng/ul	96
8) Phenol	6.928	94	981161	36.644	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.169	93	785499	35.727	ng/ul	97
12) 2-Chlorophenol	7.293	128	738542	37.139	ng/ul	97
13) 2-Methylphenol	8.169	108	746933	36.761	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.252	45	1096602	37.768	ng/ul	98
16) Acetophenone	8.557	105	1182636	37.009	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.546	70	636025	38.524	ng/ul	96
18) 4-Methylphenol	8.499	108	815829	36.885	ng/ul	94
19) Hexachloroethane	8.787	117	293810	36.069	ng/ul	97
22) Nitrobenzene	8.934	77	883128	38.622	ng/ul	99
23) Isophorone	9.451	82	1812305	38.848	ng/ul	98
25) 2-Nitrophenol	9.634	139	437300	38.590	ng/ul	98
26) 2,4-Dimethylphenol	9.693	107	781767	37.914	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.940	93	1100731	37.518	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	704109	39.868	ng/ul	99
30) Naphthalene	10.557	128	2479489	38.233	ng/ul	99
32) 4-Chloroaniline	10.681	127	773565	27.311	ng/ul	99
33) Hexachlorobutadiene	10.828	225	392547	39.656	ng/ul	98
34) Caprolactam	11.469	113	254738m	37.038	ng/ul	
35) 4-Chloro-3-methylphenol	11.798	107	820591	40.066	ng/ul	98
36) 2-Methylnaphthalene	12.175	142	1666237	38.637	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	1654194	38.883	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.539	216	778116	37.887	ng/ul	100
40) Hexachlorocyclopentadiene	12.510	237	485778	35.632	ng/ul	98
41) 2,4,6-Trichlorophenol	12.787	196	526790	36.589	ng/ul	100
42) 2,4,5-Trichlorophenol	12.857	196	574708	37.247	ng/ul	99
43) 1,1'-Biphenyl	13.198	154	2119737	36.978	ng/ul	100
44) 2-Chloronaphthalene	13.239	162	1649451	36.667	ng/ul	99
45) 2-Nitroaniline	13.457	65	550542	38.984	ng/ul	97
47) Dimethylphthalate	13.834	163	2128901	36.945	ng/ul	99
48) 2,6-Dinitrotoluene	13.963	165	438992	38.140	ng/ul	97
50) Acenaphthylene	14.086	152	2829914	37.491	ng/ul	99
51) 3-Nitroaniline	14.286	138	458465	36.877	ng/ul	98
52) Acenaphthene	14.428	153	1840090	37.082	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	248339	33.730	ng/ul	97
55) 4-Nitrophenol	14.592	109	287845	34.983	ng/ul	95
56) Dibenzofuran	14.769	168	2431209	36.833	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	628398	37.822	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.992	232	455297	35.658	ng/ul	96
59) Diethylphthalate	15.204	149	2187111	36.572	ng/ul	99
61) Fluorene	15.416	166	1976595	36.614	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.416	204	941630	37.582	ng/ul	98
63) 4-Nitroaniline	15.457	138	499912m	42.072	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.510	198	376006	38.207	ng/ul	98
67) N-Nitrosodiphenylamine	15.633	169	1690444	39.561	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	579275	40.821	ng/ul	95
69) Hexachlorobenzene	16.410	284	670559	41.486	ng/ul	97
70) Atrazine	16.592	200	323635	23.177	ng/ul	99
71) Pentachlorophenol	16.763	266	379942	35.599	ng/ul	98
72) Phenanthrene	17.157	178	3125703	38.837	ng/ul	100
74) Anthracene	17.251	178	3154535	38.756	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.151	216	788906	41.631	ng/uL	100
76) Pentachlorobenzene	14.681	250	768348	41.939	ng/uL	100
77) Carbazole	17.527	167	2927876	38.280	ng/ul	100
78) Di-n-butylphthalate	18.092	149	3821868	37.149	ng/ul	99
80) Fluoranthene	19.174	202	3394617	45.649	ng/ul	99
82) Pyrene	19.539	202	3476444	44.904	ng/ul	99
83) Butylbenzylphthalate	20.451	149	1542502	40.520	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.227	252	906368	41.156	ng/ul	99
85) Benzo(a)anthracene	21.286	228	2925013	38.258	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	2186205	39.388	ng/ul	100
87) Chrysene	21.339	228	2720690	38.437	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	3426887	41.382	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	2488124	40.185	ng/ul	100
91) Benzo(k)fluoranthene	22.921	252	2402258	39.613	ng/ul	99
93) Benzo(a)pyrene	23.451	252	2242299	38.713	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.821	276	2531988	38.975	ng/ul	98
95) Dibenzo(a,h)anthracene	25.839	278	2133590	39.388	ng/ul	98
96) Benzo(g,h,i)perylene	26.509	276	2035273	39.259	ng/ul	99

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

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