Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047039.D
Acq On : 07 Aug 2024 02:00
Operator : RC/JU
Sample : PB162275BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS275

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024

Quant Time: Aug 07 03:01:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 01:21:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	331017	20.000	ng/ul	0.00
20) Naphthalene-d8	10.157	136	1277078	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.057	164	817707	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.816	188	1679396	20.000	ng/ul	0.00
79) Chrysene-d12	21.051	240	1304430	20.000	ng/ul	0.00
88) Perylene-d12	23.762	264	1452941	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	41748	4.997	ng/uL	0.00
4) Pyridine-d5	3.405	84	497301	21.820	ng/ul	0.00
7) Phenol-d5	6.604	99	709616	28.220	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	431815	26.099	ng/ul	0.00
11) 2-Chlorophenol-d4	6.940	132	570561	26.786	ng/ul	0.00
15) 4-Methylphenol-d8	8.122	113	548599	27.540	ng/ul	0.00
21) Nitrobenzene-d5	8.545	128	285213	27.832	ng/ul	0.00
24) 2-Nitrophenol-d4	9.257	143	332338	29.697	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	611521	28.461	ng/ul	0.00
31) 4-Chloroaniline-d4	10.304	131	719565	25.482	ng/ul	0.00
46) Dimethylphthalate-d6	13.480	166	1692876	27.076	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	1954013	27.998	ng/ul	0.00
54) 4-Nitrophenol-d4	14.298	143	337519	27.920	ng/ul	0.00
60) Fluorene-d10	15.057	176	1434462	26.820	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.204	200	272800	25.711	ng/ul	0.00
73) Anthracene-d10	16.916	188	2144092	26.931	ng/ul	0.00
81) Pyrene-d10	19.227	212	2427795	32.513	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	2151548	28.122	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	76245	8.201	ng/uL	97
5) Pyridine	3.428	79	537685	23.830	ng/ul	90
6) Benzaldehyde	6.557	77	361053	24.998	ng/ul	99
8) Phenol	6.634	94	727486	28.728	ng/ul#	89
10) Bis(2-Chloroethyl)ether	6.846	93	589612	27.316	ng/ul	98
12) 2-Chlorophenol	6.975	128	594075	27.530	ng/ul	97
13) 2-Methylphenol	7.857	108	542963	28.146	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	7.928	45	755936	29.226	ng/ul	99
16) Acetophenone	8.216	105	833330	26.579	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.210	70	438393	26.515	ng/ul	95
18) 4-Methylphenol	8.187	108	584813	28.058	ng/ul	100
19) Hexachloroethane	8.451	117	261524	24.879	ng/ul	87
22) Nitrobenzene	8.587	77	704555	25.733	ng/ul	95
23) Isophorone	9.116	82	1298230	27.712	ng/ul	98
25) 2-Nitrophenol	9.287	139	353255	28.855	ng/ul#	91
26) 2,4-Dimethylphenol	9.369	107	483423	20.033	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.598	93	783488	27.129	ng/ul	100
29) 2,4-Dichlorophenol	9.822	162	594523	27.743	ng/ul	97
30) Naphthalene	10.204	128	1831645	27.089	ng/ul	99
32) 4-Chloroaniline	10.328	127	681360	24.847	ng/ul	100
33) Hexachlorobutadiene	10.492	225	376477	24.351	ng/ul	98
34) Caprolactam	11.122	113	193295m	29.786	ng/ul	
35) 4-Chloro-3-methylphenol	11.475	107	613684	27.772	ng/ul	97
36) 2-Methylnaphthalene	11.834	142	1281647	27.146	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.057	142	1268409	26.539	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.210	216	711448	27.742	ng/ul	99
40)	Hexachlorocyclopentadiene	12.192	237	274423	16.245	ng/ul	97
41)	2,4,6-Trichlorophenol	12.469	196	440448	26.240	ng/ul	98
42)	2,4,5-Trichlorophenol	12.545	196	488881	26.975	ng/ul	98
43)	1,1'-Biphenyl	12.875	154	1679832	27.459	ng/ul	99
44)	2-Chloronaphthalene	12.910	162	1337002	27.521	ng/ul	98
45)	2-Nitroaniline	13.133	65	424224	28.736	ng/ul	96
47)	Dimethylphthalate	13.533	163	1704724	27.172	ng/ul	100
48)	2,6-Dinitrotoluene	13.645	165	369461	30.293	ng/ul	85
50)	Acenaphthylene	13.769	152	2139833	29.032	ng/ul	99
51)	3-Nitroaniline	13.975	138	380950	30.671	ng/ul	98
52)	Acenaphthene	14.122	153	1413114	26.594	ng/ul	99
53)	2,4-Dinitrophenol	14.192	184	199152	23.143	ng/ul#	86
55)	4-Nitrophenol	14.316	109	269653	22.039	ng/ul#	80
56)	Dibenzofuran	14.463	168	1991756	26.708	ng/ul	93
57)	2,4-Dinitrotoluene	14.445	165	532080	28.548	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	14.698	232	362913	22.525	ng/ul#	92
59)	Diethylphthalate	14.916	149	1712471	25.374	ng/ul	97
61)	Fluorene	15.116	166	1615971	26.271	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.122	204	781421	25.806	ng/ul	92
63)	4-Nitroaniline	15.151	138	364717	29.713	ng/ul#	81
66)	4,6-Dinitro-2-methylph...	15.216	198	292220	25.170	ng/ul	92
67)	N-Nitrosodiphenylamine	15.339	169	1399818	28.121	ng/ul	99
68)	4-Bromophenyl-phenylether	16.016	248	516808	28.431	ng/ul	91
69)	Hexachlorobenzene	16.121	284	605016	28.266	ng/ul	97
70)	Atrazine	16.310	200	53253	2.727	ng/ul	97
71)	Pentachlorophenol	16.474	266	301855	20.830	ng/ul	97
72)	Phenanthrene	16.857	178	2613019	27.756	ng/ul	100
74)	Anthracene	16.951	178	2553689	26.898	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	12.833	216	713453	29.527	ng/uL	96
76)	Pentachlorobenzene	14.380	250	676403	27.044	ng/uL	99
77)	Carbazole	17.227	167	2447082	27.803	ng/ul	99
78)	Di-n-butylphthalate	17.815	149	3024206	27.021	ng/ul	98
80)	Fluoranthene	18.892	202	3015682	33.793	ng/ul	100
82)	Pyrene	19.257	202	3036800	31.936	ng/ul	98
83)	Butylbenzylphthalate	20.192	149	1374165	33.064	ng/ul	99
84)	3,3'-Dichlorobenzidine	20.974	252	928540	29.037	ng/ul	99
85)	Benzo(a)anthracene	21.033	228	2754039	28.908	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	20.992	149	1857896	30.621	ng/ul	98
87)	Chrysene	21.092	228	2536216	27.913	ng/ul	99
89)	Di-n-octyl phthalate	22.033	149	3250270	31.710	ng/ul	100
90)	Benzo(b)fluoranthene	22.915	252	2717494	30.237	ng/ul	99
91)	Benzo(k)fluoranthene	22.968	252	2548846	28.699	ng/ul	99
93)	Benzo(a)pyrene	23.639	252	2346699	28.027	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.774	276	3070135	28.619	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.827	278	2494446	28.949	ng/ul	99
96)	Benzo(g,h,i)perylene	27.715	276	2468982	29.130	ng/ul	97

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

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