Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
Data File : BM045201.D
Acq On : 13 Apr 2024 10:31
Operator : MA/JU
Sample : PB160136BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS136

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024

Quant Time: Apr 15 02:56:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 18:54:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	53904	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	214722	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	123398	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.015	188	231060	20.000	ng/ul	-0.01
79) Chrysene-d12	21.227	240	214815	20.000	ng/ul	0.00
88) Perylene-d12	23.439	264	260045	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	10176	7.049	ng/uL	0.00
4) Pyridine-d5	3.599	84	112786	28.732	ng/ul	0.00
7) Phenol-d5	6.793	99	138293	30.263	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	86934	31.931	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	118782	33.178	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	108492	30.331	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	56537	34.279	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	60976	35.026	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.010	165	110724	34.690	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.539	131	146473	28.824	ng/ul	-0.01
46) Dimethylphthalate-d6	13.680	166	285619	33.243	ng/ul	-0.01
49) Acenaphthylene-d8	13.945	160	348462	34.331	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.492	143	44550	24.845	ng/ul	0.00
60) Fluorene-d10	15.257	176	248765	32.477	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	40926	29.873	ng/ul	0.00
73) Anthracene-d10	17.115	188	356260	34.275	ng/ul	-0.01
81) Pyrene-d10	19.421	212	403651	38.161	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.297	264	461565	36.385	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	16171	10.727	ng/uL	97
5) Pyridine	3.616	79	112943	27.154	ng/ul	99
6) Benzaldehyde	6.781	77	79499	37.528	ng/ul	95
8) Phenol	6.816	94	138466	29.261	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.057	93	109307	29.597	ng/ul	96
12) 2-Chlorophenol	7.175	128	115990	30.876	ng/ul	99
13) 2-Methylphenol	8.051	108	100573	28.793	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.128	45	129760m	29.458	ng/ul	
16) Acetophenone	8.440	105	166057	28.555	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.422	70	80374	29.272	ng/ul#	91
18) 4-Methylphenol	8.381	108	108492	28.817	ng/ul	97
19) Hexachloroethane	8.657	117	52754	31.928	ng/ul	97
22) Nitrobenzene	8.816	77	130979	32.368	ng/ul	97
23) Isophorone	9.334	82	222895	29.980	ng/ul	99
25) 2-Nitrophenol	9.510	139	62647	32.422	ng/ul#	90
26) 2,4-Dimethylphenol	9.575	107	93659	25.142	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.816	93	139044	31.547	ng/ul	95
29) 2,4-Dichlorophenol	10.039	162	105149	32.607	ng/ul	96
30) Naphthalene	10.428	128	351891	30.958	ng/ul	99
32) 4-Chloroaniline	10.563	127	136814	27.669	ng/ul	96
33) Hexachlorobutadiene	10.692	225	64125	31.982	ng/ul	98
34) Caprolactam	11.369	113	28833m	26.484	ng/ul	
35) 4-Chloro-3-methylphenol	11.686	107	99094	30.912	ng/ul	98
36) 2-Methylnaphthalene	12.051	142	229382	30.907	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	236458	31.484	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.422	216	115870	34.335	ng/ul	98
40) Hexachlorocyclopentadiene	12.380	237	51517	25.218	ng/ul	98
41) 2,4,6-Trichlorophenol	12.680	196	75087	34.108	ng/ul	94
42) 2,4,5-Trichlorophenol	12.751	196	82324	33.940	ng/ul	93
43) 1,1'-Biphenyl	13.080	154	292239	33.538	ng/ul	97
44) 2-Chloronaphthalene	13.122	162	232376	32.824	ng/ul	99
45) 2-Nitroaniline	13.357	65	63989	32.744	ng/ul	96
47) Dimethylphthalate	13.733	163	275115	30.635	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	55997	31.813	ng/ul	89
50) Acenaphthylene	13.974	152	370117	31.221	ng/ul	99
51) 3-Nitroaniline	14.192	138	57951	30.183	ng/ul#	97
52) Acenaphthene	14.322	153	242269	30.627	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	25382	24.254	ng/ul	96
55) 4-Nitrophenol	14.504	109	39221	24.871	ng/ul	90
56) Dibenzofuran	14.663	168	334165	30.871	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	78394	29.754	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.892	232	63860	30.762	ng/ul	98
59) Diethylphthalate	15.104	149	269757	29.444	ng/ul	97
61) Fluorene	15.316	166	266126	29.169	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	124072	29.014	ng/ul	96
63) 4-Nitroaniline	15.368	138	48002	27.499	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	42829	29.192	ng/ul#	95
67) N-Nitrosodiphenylamine	15.533	169	218451	35.047	ng/ul	99
68) 4-Bromophenyl-phenylether	16.215	248	75761	33.666	ng/ul	99
69) Hexachlorobenzene	16.310	284	95740	32.706	ng/ul	93
70) Atrazine	16.504	200	70564	30.776	ng/ul	98
71) Pentachlorophenol	16.668	266	52971	29.790	ng/ul	93
72) Phenanthrene	17.057	178	403925	32.485	ng/ul	99
74) Anthracene	17.151	178	401772	31.588	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.039	216	113261	38.891	ng/uL	96
76) Pentachlorobenzene	14.569	250	111282	35.914	ng/uL	97
77) Carbazole	17.433	167	375970	30.655	ng/ul	100
78) Di-n-butylphthalate	18.004	149	442933	32.024	ng/ul	100
80) Fluoranthene	19.086	202	449955	36.067	ng/ul	99
82) Pyrene	19.451	202	491771	36.528	ng/ul	99
83) Butylbenzylphthalate	20.374	149	186835	33.124	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.156	252	138267	28.948	ng/ul	96
85) Benzo(a)anthracene	21.209	228	461942	31.693	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.156	149	270369	30.665	ng/ul	98
87) Chrysene	21.262	228	441518	32.494	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	458632	28.031	ng/ul	100
90) Benzo(b)fluoranthene	22.774	252	501392	33.081	ng/ul	99
91) Benzo(k)fluoranthene	22.821	252	504064	33.042	ng/ul	99
93) Benzo(a)pyrene	23.344	252	438731	29.743	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.656	276	672470	35.194	ng/ul	99
95) Dibenzo(a,h)anthracene	25.674	278	540634	33.842	ng/ul	98
96) Benzo(g,h,i)perylene	26.338	276	532601	35.333	ng/ul	99

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

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