Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
Data File : BM044973.D
Acq On : 06 Apr 2024 16:40
Operator : MA/JU
Sample : P2018-08MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH5F0MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/09/2024
Supervised By :mohammad ahmed 04/09/2024

Quant Time: Apr 08 02:32:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 01:45:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	93868	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	397665	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	239481	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	489308	20.000	ng/ul	0.00
79) Chrysene-d12	21.250	240	478655	20.000	ng/ul	0.00
88) Perylene-d12	23.474	264	547202	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	13613	5.415	ng/uL	0.00
4) Pyridine-d5	3.610	84	116566	17.052	ng/ul	0.00
7) Phenol-d5	6.816	99	179866	22.603	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	114847	24.224	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	155944	25.013	ng/ul	0.00
15) 4-Methylphenol-d8	8.345	113	145782	23.404	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	76660	25.097	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	84257	26.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	147563	24.963	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	103556	11.003	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	398059	23.872	ng/ul	0.00
49) Acenaphthylene-d8	13.974	160	473609	24.043	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	61635	17.711	ng/ul	0.00
60) Fluorene-d10	15.286	176	346927	23.338	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	62694	21.610	ng/ul	0.00
73) Anthracene-d10	17.145	188	541012	24.578	ng/ul	0.00
81) Pyrene-d10	19.451	212	637780	27.060	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.333	264	670861	25.131	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	22770	8.674	ng/uL#	83
5) Pyridine	3.622	79	156807	21.649	ng/ul	99
6) Benzaldehyde	6.798	77	124466	33.741	ng/ul	96
8) Phenol	6.840	94	239523	29.066	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.081	93	205203	31.907	ng/ul	93
12) 2-Chlorophenol	7.198	128	180407	27.577	ng/ul	97
13) 2-Methylphenol	8.081	108	164962	27.121	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.157	45	202203	26.360	ng/ul	99
16) Acetophenone	8.463	105	276812	27.335	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.445	70	128132	26.798	ng/ul#	97
18) 4-Methylphenol	8.404	108	180066	27.466	ng/ul	100
19) Hexachloroethane	8.687	117	77951	27.092	ng/ul	97
22) Nitrobenzene	8.840	77	198126	26.437	ng/ul	98
23) Isophorone	9.357	82	357376	25.955	ng/ul	99
25) 2-Nitrophenol	9.539	139	101014	28.228	ng/ul	94
26) 2,4-Dimethylphenol	9.598	107	186252	26.997	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.845	93	216014	26.463	ng/ul	98
29) 2,4-Dichlorophenol	10.063	162	164397	27.527	ng/ul	99
30) Naphthalene	10.457	128	535956	25.460	ng/ul	100
32) 4-Chloroaniline	10.592	127	116618	12.735	ng/ul	97
33) Hexachlorobutadiene	10.722	225	94235	25.378	ng/ul	94
34) Caprolactam	11.386	113	52299	25.939	ng/ul	99
35) 4-Chloro-3-methylphenol	11.716	107	165778	27.923	ng/ul	96
36) 2-Methylnaphthalene	12.080	142	347601	25.289	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	353333	25.403	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	175227	26.755	ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	80109	20.206	ng/ul	95
41) 2,4,6-Trichlorophenol	12.704	196	125534	29.383	ng/ul	96
42) 2,4,5-Trichlorophenol	12.780	196	134341	28.538	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	447976	26.490	ng/ul	97
44) 2-Chloronaphthalene	13.151	162	355589	25.882	ng/ul	100
45) 2-Nitroaniline	13.375	65	108638	28.645	ng/ul	96
47) Dimethylphthalate	13.757	163	435383	24.981	ng/ul	100
48) 2,6-Dinitrotoluene	13.886	165	90069	26.366	ng/ul	94
50) Acenaphthylene	14.004	152	576688	25.066	ng/ul	100
51) 3-Nitroaniline	14.233	138	18197m	4.884	ng/ul	
52) Acenaphthene	14.345	153	382078	24.888	ng/ul	99
53) 2,4-Dinitrophenol	14.427	184	49698	24.470	ng/ul	89
55) 4-Nitrophenol	14.533	109	77070	25.182	ng/ul	93
56) Dibenzofuran	14.686	168	527615	25.115	ng/ul	98
57) 2,4-Dinitrotoluene	14.674	165	134771	26.357	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	14.916	232	111038	27.561	ng/ul	98
59) Diethylphthalate	15.127	149	472025	26.547	ng/ul	99
61) Fluorene	15.339	166	440329	24.869	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.339	204	204490	24.640	ng/ul	95
63) 4-Nitroaniline	15.404	138	30426m	8.981	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.439	198	74777	24.067	ng/ul	97
67) N-Nitrosodiphenylamine	15.563	169	355824	26.957	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	126018	26.444	ng/ul	97
69) Hexachlorobenzene	16.339	284	157494	25.406	ng/ul	97
70) Atrazine	16.533	200	127639	26.288	ng/ul	98
71) Pentachlorophenol	16.692	266	106757	28.351	ng/ul	98
72) Phenanthrene	17.086	178	683023	25.939	ng/ul	98
74) Anthracene	17.174	178	685073	25.434	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	174303	28.263	ng/uL	97
76) Pentachlorobenzene	14.598	250	174625	26.613	ng/uL	97
77) Carbazole	17.457	167	653376	25.157	ng/ul	99
78) Di-n-butylphthalate	18.027	149	879765	30.037	ng/ul	99
80) Fluoranthene	19.109	202	852125	30.654	ng/ul	97
82) Pyrene	19.480	202	884386	29.481	ng/ul	99
83) Butylbenzylphthalate	20.403	149	444764	35.388	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.215	252	33083m	3.108	ng/ul	
85) Benzo(a)anthracene	21.239	228	867382	26.707	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	674568	34.336	ng/ul	100
87) Chrysene	21.292	228	814184	26.892	ng/ul	99
89) Di-n-octyl phthalate	22.062	149	1118439	32.486	ng/ul	100
90) Benzo(b)fluoranthene	22.809	252	901235	28.258	ng/ul	98
91) Benzo(k)fluoranthene	22.856	252	871172	27.138	ng/ul	100
93) Benzo(a)pyrene	23.380	252	735896	23.708	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.715	276	1069526	26.600	ng/ul	99
95) Dibenzo(a,h)anthracene	25.733	278	877282	26.097	ng/ul	99
96) Benzo(g,h,i)perylene	26.397	276	495326	15.616	ng/ul	99

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

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