Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071824\
Data File : BM046714.D
Acq On : 18 Jul 2024 22:41
Operator : MA/JU
Sample : P3246-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-CTW2-BL-02MSD

Quant Time: Jul 19 01:17:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 18 06:01:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.487	152	109588	20.000	ng	0.00
21) Naphthalene-d8	10.245	136	388634	20.000	ng	0.00
39) Acenaphthene-d10	14.133	164	251261	20.000	ng	0.00
64) Phenanthrene-d10	16.886	188	462060	20.000	ng	0.00
76) Chrysene-d12	21.115	240	345058	20.000	ng	0.00
86) Perylene-d12	23.874	264	438861	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	709796	131.557	ng	0.00
7) Phenol-d6	6.692	99	868658	126.438	ng	0.00
23) Nitrobenzene-d5	8.634	82	614390	82.080	ng	0.00
42) 2,4,6-Tribromophenol	15.633	330	418211	107.308	ng	0.00
45) 2-Fluorobiphenyl	12.745	172	1561995	87.812	ng	0.00
79) Terphenyl-d14	19.539	244	1689693	88.554	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	74983	45.792	ng	97
3) Pyridine	3.510	79	211165	44.001	ng	97
4) n-Nitrosodimethylamine	3.428	42	202316	56.913	ng	99
6) Aniline	6.828	93	270452	45.548	ng	99
8) 2-Chlorophenol	7.063	128	352128	58.306	ng	99
9) Benzaldehyde	6.640	77	28532	6.803	ng	93
10) Phenol	6.716	94	381803	57.185	ng	95
11) bis(2-Chloroethyl)ether	6.928	93	282477	56.947	ng	97
12) 1,3-Dichlorobenzene	7.375	146	434092	54.423	ng	99
13) 1,4-Dichlorobenzene	7.522	146	440646	54.396	ng	98
14) 1,2-Dichlorobenzene	7.834	146	416950	54.029	ng	99
15) Benzyl Alcohol	7.734	79	323627	57.836	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.010	45	317205	61.173	ng	98
17) 2-Methylphenol	7.939	107	266752	56.094	ng	97
18) Hexachloroethane	8.545	117	163980	55.743	ng	96
19) n-Nitroso-di-n-propyla...	8.298	70	242711	55.963	ng	97
20) 3+4-Methylphenols	8.269	107	362333	55.458	ng	97
22) Acetophenone	8.304	105	477869	53.473	ng	98
24) Nitrobenzene	8.675	77	395600	53.898	ng	100
25) Isophorone	9.198	82	642881	57.106	ng	98
26) 2-Nitrophenol	9.375	139	207438	59.002	ng	97
27) 2,4-Dimethylphenol	9.457	122	239119	62.640	ng	98
28) bis(2-Chloroethoxy)met...	9.686	93	376264	58.629	ng	99
29) 2,4-Dichlorophenol	9.910	162	387954	56.581	ng	98
30) 1,2,4-Trichlorobenzene	10.116	180	460943	54.876	ng	99
31) Naphthalene	10.298	128	1076662	55.767	ng	100
32) Benzoic acid	9.616	122	203606	43.790	ng	98
33) 4-Chloroaniline	10.416	127	146691	20.393	ng	98
34) Hexachlorobutadiene	10.586	225	307371	54.094	ng	98
35) Caprolactam	11.210	113	76898	42.347	ng	98
36) 4-Chloro-3-methylphenol	11.563	107	328056	51.857	ng	100
37) 2-Methylnaphthalene	11.922	142	794898	54.220	ng	99
38) 1-Methylnaphthalene	12.145	142	735591	51.076	ng	99
40) 1,2,4,5-Tetrachloroben...	12.298	216	479678	58.707	ng	99
41) Hexachlorocyclopentadiene	12.280	237	568054	284.156	ng	96
43) 2,4,6-Trichlorophenol	12.551	196	330860	61.517	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.627	196	340872	56.843	ng		99
46) 1,1'-Biphenyl	12.957	154	1004588	57.468	ng		99
47) 2-Chloronaphthalene	12.992	162	861116	59.580	ng		100
48) 2-Nitroaniline	13.210	65	215003	56.697	ng		99
49) Acenaphthylene	13.851	152	1268133	63.155	ng		100
50) Dimethylphthalate	13.610	163	988862	56.908	ng		98
51) 2,6-Dinitrotoluene	13.721	165	216341	53.858	ng		98
52) Acenaphthene	14.198	154	746102	57.943	ng		99
53) 3-Nitroaniline	14.051	138	140511	38.649	ng		96
54) 2,4-Dinitrophenol	14.257	184	258750	108.412	ng		99
55) Dibenzofuran	14.539	168	1231483	56.506	ng		98
56) 4-Nitrophenol	14.386	139	306857	97.262	ng		95
57) 2,4-Dinitrotoluene	14.515	165	290426	49.926	ng	#	98
58) Fluorene	15.192	166	996135	53.480	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.774	232	286988	51.963	ng		98
60) Diethylphthalate	14.992	149	952907	53.158	ng		98
61) 4-Chlorophenyl-phenyle...	15.192	204	548886	54.793	ng		99
62) 4-Nitroaniline	15.221	138	184575	45.028	ng		98
63) Azobenzene	15.486	77	814437	55.958	ng		99
65) 4,6-Dinitro-2-methylph...	15.280	198	173458	72.244	ng		95
66) n-Nitrosodiphenylamine	15.410	169	822380	68.630	ng		98
67) 4-Bromophenyl-phenylether	16.092	248	335793	64.350	ng		98
68) Hexachlorobenzene	16.198	284	384928	61.075	ng		96
69) Atrazine	16.380	200	262690	62.458	ng		95
70) Pentachlorophenol	16.545	266	467529	104.559	ng		99
71) Phenanthrene	16.927	178	1397774	60.915	ng		99
72) Anthracene	17.021	178	1378241	60.709	ng		99
73) Carbazole	17.298	167	1173237	54.612	ng		99
74) Di-n-butylphthalate	17.880	149	1324080	55.127	ng		100
75) Fluoranthene	18.956	202	1415340	48.000	ng		99
77) Benzidine	19.150	184	511817	74.126	ng		98
78) Pyrene	19.321	202	1415932	57.641	ng		99
80) Butylbenzylphthalate	20.250	149	497523	56.070	ng		99
81) Benzo(a)anthracene	21.097	228	1347760	59.024	ng		100
82) 3,3'-Dichlorobenzidine	21.033	252	434155	54.711	ng		100
83) Chrysene	21.150	228	1268860	59.601	ng		100
84) Bis(2-ethylhexyl)phtha...	21.056	149	639554	54.046	ng		99
85) Di-n-octyl phthalate	22.115	149	1115294	55.916	ng		99
87) Indeno(1,2,3-cd)pyrene	26.962	276	1932917	67.981	ng	#	97
88) Benzo(b)fluoranthene	23.015	252	1540224	57.001	ng		99
89) Benzo(k)fluoranthene	23.074	252	1460482	57.265	ng		99
90) Benzo(a)pyrene	23.750	252	1463828	62.622	ng		98
91) Dibenzo(a,h)anthracene	27.015	278	1552339	65.778	ng		99
92) Benzo(g,h,i)perylene	27.921	276	1541222	63.288	ng		98

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

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