Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138756.D
Acq On : 02 Aug 2024 19:56
Operator : RC/JU
Sample : P3387-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-10-Full Waste ClassMSD

Quant Time: Aug 02 23:23:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	54046	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	186861	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	89656	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	156972	20.000	ng		0.00
76) Chrysene-d12	14.016	240	90048	20.000	ng		0.01
86) Perylene-d12	15.480	264	77245	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	372480	106.387	ng		0.01
7) Phenol-d6	6.493	99	475992	101.260	ng		0.00
23) Nitrobenzene-d5	7.410	82	295299	77.264	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	83717	113.993	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	467878	78.409	ng		0.00
79) Terphenyl-d14	12.951	244	496831	92.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	58366	38.077	ng		99
3) Pyridine	3.422	79	157400	42.389	ng		96
4) n-Nitrosodimethylamine	3.375	42	114093	51.591	ng		98
6) Aniline	6.510	93	139609	33.303	ng	#	24
8) 2-Chlorophenol	6.640	128	195515	53.077	ng		96
9) Benzaldehyde	6.399	77	11596	4.115	ng		95
10) Phenol	6.504	94	251055	50.726	ng		95
11) bis(2-Chloroethyl)ether	6.581	93	205996	54.087	ng		100
12) 1,3-Dichlorobenzene	6.787	146	208199	50.492	ng		98
13) 1,4-Dichlorobenzene	6.863	146	208321	50.062	ng		98
14) 1,2-Dichlorobenzene	7.016	146	195208	50.195	ng		100
15) Benzyl Alcohol	6.993	79	178920	52.810	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	328485	50.116	ng		63
17) 2-Methylphenol	7.110	107	148408	48.790	ng	#	91
18) Hexachloroethane	7.357	117	66955	42.745	ng		99
19) n-Nitroso-di-n-propyla...	7.263	70	146724	51.679	ng		97
20) 3+4-Methylphenols	7.263	107	192409	49.302	ng	#	87
22) Acetophenone	7.257	105	250378	54.724	ng		98
24) Nitrobenzene	7.434	77	207016	53.229	ng		98
25) Isophorone	7.669	82	371862	56.980	ng		99
26) 2-Nitrophenol	7.745	139	82789	49.479	ng		99
27) 2,4-Dimethylphenol	7.787	122	121393	60.637	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	225939	56.851	ng		98
29) 2,4-Dichlorophenol	7.998	162	138037	53.659	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	154667	52.099	ng		98
31) Naphthalene	8.151	128	507423	51.589	ng		99
32) Benzoic acid	7.916	122	68946	43.812	ng		98
33) 4-Chloroaniline	8.204	127	100677	30.493	ng		99
34) Hexachlorobutadiene	8.263	225	96877	53.876	ng		100
35) Caprolactam	8.569	113	42003	54.720	ng		96
36) 4-Chloro-3-methylphenol	8.692	107	146837	49.945	ng		99
37) 2-Methylnaphthalene	8.840	142	310642	50.008	ng		100
38) 1-Methylnaphthalene	8.940	142	280883	46.145	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	129330	51.929	ng		98
41) Hexachlorocyclopentadiene	8.987	237	18288	32.293	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	85539	56.331	ng		99

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Operator : RC/JU
Sample : P3387-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-10-Full Waste ClassMSD

Quant Time: Aug 02 23:23:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	87620	52.782	ng	99
46) 1,1'-Biphenyl	9.304	154	353509	50.345	ng	99
47) 2-Chloronaphthalene	9.334	162	273127	52.300	ng	99
48) 2-Nitroaniline	9.434	65	105483	59.581	ng	96
49) Acenaphthylene	9.745	152	431117	58.206	ng	100
50) Dimethylphthalate	9.604	163	340211	59.345	ng	100
51) 2,6-Dinitrotoluene	9.669	165	65453	50.591	ng	94
52) Acenaphthene	9.916	154	259627	52.145	ng	100
53) 3-Nitroaniline	9.839	138	73731	55.127	ng	99
54) 2,4-Dinitrophenol	9.957	184	14985	25.161	ng	93
55) Dibenzofuran	10.092	168	379256	53.961	ng	100
56) 4-Nitrophenol	10.022	139	92123	114.540	ng	97
57) 2,4-Dinitrotoluene	10.081	165	83329	50.483	ng	93
58) Fluorene	10.434	166	302654	54.075	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	68849	54.249	ng	97
60) Diethylphthalate	10.304	149	325496	59.882	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	149349	54.256	ng	97
62) 4-Nitroaniline	10.457	138	79576	62.608	ng	96
63) Azobenzene	10.581	77	330872	54.884	ng	100
65) 4,6-Dinitro-2-methylph...	10.486	198	11568	12.079	ng	88
66) n-Nitrosodiphenylamine	10.545	169	258342	52.652	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	87930	51.738	ng	99
68) Hexachlorobenzene	10.981	284	89410	50.953	ng	98
69) Atrazine	11.069	200	79501	62.801	ng	98
70) Pentachlorophenol	11.181	266	87471	110.590	ng	97
71) Phenanthrene	11.398	178	487624	60.329	ng	100
72) Anthracene	11.445	178	468863	58.883	ng	100
73) Carbazole	11.604	167	418489	60.917	ng	99
74) Di-n-butylphthalate	11.928	149	530012	68.630	ng	100
75) Fluoranthene	12.586	202	568743	75.372	ng	100
77) Benzidine	12.710	184	87816	40.773	ng	99
78) Pyrene	12.816	202	546434	64.451	ng	99
80) Butylbenzylphthalate	13.427	149	214902	79.154	ng	99
81) Benzo(a)anthracene	14.004	228	389352	62.790	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	97032	61.148	ng	100
83) Chrysene	14.039	228	341082	60.968	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	310603	78.126	ng	99
85) Di-n-octyl phthalate	14.592	149	441185	59.980	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	270503	48.866	ng	96
88) Benzo(b)fluoranthene	15.051	252	334412	69.837	ng	100
89) Benzo(k)fluoranthene	15.080	252	250277	60.367	ng	100
90) Benzo(a)pyrene	15.421	252	264269	65.612	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	211668	46.581	ng	99
92) Benzo(g,h,i)perylene	17.404	276	197058	41.790	ng	98

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

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