Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138755.D
Acq On : 02 Aug 2024 19:24
Operator : RC/JU
Sample : P3387-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Aug 02 23:22:43 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	6.845	152	48282	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	159905	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	79449	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	155819	20.000	ng		0.00
76) Chrysene-d12	14.015	240	95799	20.000	ng		0.01
86) Perylene-d12	15.480	264	81632	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	278313	88.981	ng		0.01
7) Phenol-d6	6.492	99	392986	93.582	ng		0.00
23) Nitrobenzene-d5	7.410	82	243299	74.389	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	80018	122.954	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	394523	74.610	ng		0.00
79) Terphenyl-d14	12.951	244	504972	88.253	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	46299	33.811	ng		94
3) Pyridine	3.410	79	124972	37.674	ng		96
4) n-Nitrosodimethylamine	3.363	42	88933	45.015	ng		97
6) Aniline	6.510	93	111780	29.847	ng	#	31
8) 2-Chlorophenol	6.639	128	163487	49.680	ng		97
9) Benzaldehyde	6.398	77	9680	3.845	ng		97
10) Phenol	6.504	94	203684	46.067	ng		96
11) bis(2-Chloroethyl)ether	6.581	93	178023	52.322	ng		99
12) 1,3-Dichlorobenzene	6.786	146	181360	49.234	ng		99
13) 1,4-Dichlorobenzene	6.863	146	183314	49.312	ng		99
14) 1,2-Dichlorobenzene	7.016	146	168253	48.429	ng		99
15) Benzyl Alcohol	6.992	79	145744	48.153	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	286822	48.984	ng		70
17) 2-Methylphenol	7.110	107	120201	44.235	ng	#	91
18) Hexachloroethane	7.357	117	57351	40.985	ng		99
19) n-Nitroso-di-n-propyla...	7.257	70	122901	48.456	ng		99
20) 3+4-Methylphenols	7.263	107	153477	44.021	ng	#	88
22) Acetophenone	7.257	105	205967	52.606	ng		97
24) Nitrobenzene	7.434	77	171444	51.514	ng		97
25) Isophorone	7.669	82	308547	55.248	ng		99
26) 2-Nitrophenol	7.745	139	65940	46.052	ng		98
27) 2,4-Dimethylphenol	7.786	122	99265	57.943	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	184987	54.393	ng		99
29) 2,4-Dichlorophenol	7.998	162	113719	51.658	ng		100
30) 1,2,4-Trichlorobenzene	8.069	180	130613	51.413	ng		98
31) Naphthalene	8.151	128	429100	50.981	ng		100
32) Benzoic acid	7.910	122	53445	39.687	ng		99
33) 4-Chloroaniline	8.204	127	91166	32.267	ng		99
34) Hexachlorobutadiene	8.263	225	82585	53.670	ng		98
35) Caprolactam	8.563	113	34492	52.510	ng		97
36) 4-Chloro-3-methylphenol	8.692	107	125513	49.889	ng		100
37) 2-Methylnaphthalene	8.839	142	261121	49.122	ng		99
38) 1-Methylnaphthalene	8.939	142	241156	46.297	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	109462	49.598	ng		99
41) Hexachlorocyclopentadiene	8.986	237	10842	23.910	ng		92
43) 2,4,6-Trichlorophenol	9.122	196	72066	53.556	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	77308	52.553	ng	98
46) 1,1'-Biphenyl	9.304	154	302850	48.672	ng	100
47) 2-Chloronaphthalene	9.327	162	239334	51.717	ng	99
48) 2-Nitroaniline	9.427	65	93959	59.890	ng	98
49) Acenaphthylene	9.745	152	373819	56.954	ng	99
50) Dimethylphthalate	9.604	163	291316	57.345	ng	99
51) 2,6-Dinitrotoluene	9.669	165	54819	47.815	ng	95
52) Acenaphthene	9.916	154	228028	51.682	ng	98
53) 3-Nitroaniline	9.839	138	69722	58.827	ng	99
54) 2,4-Dinitrophenol	9.957	184	7269	13.773	ng	89
55) Dibenzofuran	10.086	168	341924	54.900	ng	99
56) 4-Nitrophenol	10.016	139	89484	125.553	ng	98
57) 2,4-Dinitrotoluene	10.075	165	75034	51.298	ng	96
58) Fluorene	10.433	166	280740	56.604	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	65740	58.454	ng	98
60) Diethylphthalate	10.304	149	290867	60.386	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	133099	54.565	ng	98
62) 4-Nitroaniline	10.457	138	74863	66.467	ng	98
63) Azobenzene	10.580	77	304532	57.004	ng	99
65) 4,6-Dinitro-2-methylph...	10.486	198	7002	7.366	ng	87
66) n-Nitrosodiphenylamine	10.539	169	238833	49.036	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	79819	47.313	ng	95
68) Hexachlorobenzene	10.980	284	84930	48.758	ng	97
69) Atrazine	11.069	200	76644	60.993	ng	99
70) Pentachlorophenol	11.180	266	85236	108.562	ng	100
71) Phenanthrene	11.398	178	466983	58.202	ng	99
72) Anthracene	11.445	178	461155	58.343	ng	100
73) Carbazole	11.604	167	413249	60.600	ng	99
74) Di-n-butylphthalate	11.927	149	530548	69.208	ng	100
75) Fluoranthene	12.586	202	568848	75.944	ng	100
77) Benzidine	12.710	184	90303	39.410	ng	99
78) Pyrene	12.816	202	547632	60.715	ng	99
80) Butylbenzylphthalate	13.427	149	218570	75.672	ng	98
81) Benzo(a)anthracene	14.004	228	388750	58.929	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	98090	58.104	ng	99
83) Chrysene	14.039	228	347628	58.408	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	320005	75.659	ng	99
85) Di-n-octyl phthalate	14.592	149	470711	60.152	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	273669	46.781	ng	97
88) Benzo(b)fluoranthene	15.051	252	339258	67.042	ng	100
89) Benzo(k)fluoranthene	15.080	252	249887	57.034	ng	99
90) Benzo(a)pyrene	15.421	252	264478	62.135	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	218641	45.530	ng	99
92) Benzo(g,h,i)perylene	17.403	276	205277	41.194	ng	98

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

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