Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134925.D
Acq On : 24 Aug 2023 15:41
Operator : CG\JU
Sample : 04100-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Quant Time: Aug 25 01:19:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 19:33:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	104212	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	384999	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	156925	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	196902	20.000	ng	# 0.01
76) Chrysene-d12	14.010	240	195219	20.000	ng	# 0.03
86) Perylene-d12	15.474	264	201447	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	692410	105.952	ng	0.01
7) Phenol-d6	6.439	99	827518	99.097	ng	0.00
23) Nitrobenzene-d5	7.363	82	511784	73.250	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	161084	87.158	ng	0.01
45) 2-Fluorobiphenyl	9.157	172	812408	80.032	ng	0.00
79) Terphenyl-d14	12.945	244	625693	44.083	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	118495	41.780	ng	98
3) Pyridine	3.340	79	288636	37.765	ng	97
4) n-Nitrosodimethylamine	3.293	42	159132	47.092	ng	98
6) Aniline	6.469	93	219502	21.268	ng	99
8) 2-Chlorophenol	6.587	128	323311	47.148	ng	99
9) Benzaldehyde	6.351	77	125710	27.448	ng	99
10) Phenol	6.457	94	384409	44.962	ng	94
11) bis(2-Chloroethyl)ether	6.539	93	320426	49.408	ng	97
12) 1,3-Dichlorobenzene	6.739	146	347024	48.521	ng	97
13) 1,4-Dichlorobenzene	6.816	146	354398	49.508	ng	99
14) 1,2-Dichlorobenzene	6.963	146	332319	50.085	ng	99
15) Benzyl Alcohol	6.939	79	273987	47.221	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	409579	43.613	ng	98
17) 2-Methylphenol	7.057	107	248014	41.790	ng	98
18) Hexachloroethane	7.304	117	115381	44.536	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	210843	43.231	ng	97
20) 3+4-Methylphenols	7.210	107	293364	45.255	ng	98
22) Acetophenone	7.204	105	416543	48.951	ng	97
24) Nitrobenzene	7.381	77	320545	45.722	ng	98
25) Isophorone	7.616	82	565934	43.378	ng	99
26) 2-Nitrophenol	7.692	139	114601	32.834	ng	97
27) 2,4-Dimethylphenol	7.734	122	246128	43.235	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	353986	45.524	ng	99
29) 2,4-Dichlorophenol	7.934	162	239117	42.512	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	279390	46.787	ng	100
31) Naphthalene	8.098	128	879049	45.726	ng	100
32) Benzoic acid	7.851	122	150856	35.908	ng	97
33) 4-Chloroaniline	8.151	127	112522	13.642	ng	98
34) Hexachlorobutadiene	8.210	225	166464	46.871	ng	98
35) Caprolactam	8.522	113	65561	37.338	ng	92
36) 4-Chloro-3-methylphenol	8.639	107	234539	39.513	ng	98
37) 2-Methylnaphthalene	8.792	142	525990	41.028	ng	100
38) 1-Methylnaphthalene	8.886	142	500159	41.722	ng	97
40) 1,2,4,5-Tetrachloroben...	8.957	216	248700	52.010	ng	99
41) Hexachlorocyclopentadiene	8.939	237	66646	31.481	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	150846	47.766	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	152613	41.741	ng		99
46) 1,1'-Biphenyl	9.257	154	626861	50.599	ng		99
47) 2-Chloronaphthalene	9.280	162	465267	50.288	ng		99
48) 2-Nitroaniline	9.380	65	160114	52.645	ng		98
49) Acenaphthylene	9.698	152	682064	47.870	ng		99
50) Dimethylphthalate	9.563	163	526854	47.166	ng		99
51) 2,6-Dinitrotoluene	9.622	165	99408	40.350	ng		91
52) Acenaphthene	9.869	154	400733	44.645	ng		99
53) 3-Nitroaniline	9.792	138	99788	37.084	ng	#	97
55) Dibenzofuran	10.045	168	555673	42.520	ng		95
56) 4-Nitrophenol	9.963	139	154394	82.333	ng	#	77
57) 2,4-Dinitrotoluene	10.028	165	107493	35.281	ng		97
58) Fluorene	10.392	166	386222	38.966	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	106109	37.249	ng	#	98
60) Diethylphthalate	10.269	149	429813	41.999	ng		96
61) 4-Chlorophenyl-phenyle...	10.386	204	198676	39.985	ng		94
62) 4-Nitroaniline	10.410	138	84522	33.601	ng		83
63) Azobenzene	10.551	77	363445	35.749	ng		92
65) 4,6-Dinitro-2-methylph...	10.439	198	4925	4.239	ng	#	1
66) n-Nitrosodiphenylamine	10.504	169	332736	52.476	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	107077	47.136	ng	#	82
68) Hexachlorobenzene	10.951	284	124353	51.471	ng	#	91
69) Atrazine	11.086	200	98179	57.020	ng		74
70) Pentachlorophenol	11.151	266	129770	89.253	ng		97
71) Phenanthrene	11.369	178	682581	66.154	ng		96
72) Anthracene	11.422	178	541973	51.266	ng		96
73) Carbazole	11.580	167	422720	48.525	ng	#	95
74) Di-n-butylphthalate	11.921	149	469833	47.025	ng		97
75) Fluoranthene	12.580	202	931004	95.230	ng		96
78) Pyrene	12.810	202	919742	44.436	ng		98
80) Butylbenzylphthalate	13.427	149	243921	38.680	ng		91
81) Benzo(a)anthracene	13.998	228	936626	70.321	ng		97
83) Chrysene	14.039	228	854621	65.031	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	353245	51.711	ng		99
85) Di-n-octyl phthalate	14.598	149	701922	63.013	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	636411	44.198	ng		98
88) Benzo(b)fluoranthene	15.051	252	970241	85.367	ng		98
89) Benzo(k)fluoranthene	15.080	252	720960	64.598	ng		97
90) Benzo(a)pyrene	15.415	252	749253	66.037	ng		100
91) Dibenzo(a,h)anthracene	16.992	278	435087	37.344	ng		99
92) Benzo(g,h,i)perylene	17.427	276	515443	43.218	ng		98

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

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