Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
Data File : BF137867.D
Acq On : 09 May 2024 16:52
Operator : CG\JU
Sample : P2398-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-KKMS

Quant Time: May 09 17:14:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	152694	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	616273	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	347035	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	573349	20.000	ng	0.00
76) Chrysene-d12	14.245	240	298077	20.000	ng	0.00
86) Perylene-d12	15.815	264	315762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	935303	102.556	ng	0.01
7) Phenol-d6	6.669	99	1119839	96.807	ng	0.00
23) Nitrobenzene-d5	7.616	82	796700	75.108	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	472309	133.296	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1754062	82.001	ng	0.00
79) Terphenyl-d14	13.180	244	1725647	97.020	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.122	88	120944	29.450	ng	# 85
3) Pyridine	3.822	79	268708	27.035	ng	96
4) n-Nitrosodimethylamine	3.775	42	152752	34.129	ng	96
6) Aniline	6.716	93	274398	23.933	ng	97
8) 2-Chlorophenol	6.834	128	380832	38.318	ng	100
9) Benzaldehyde	6.604	77	86149	13.829	ng	99
10) Phenol	6.681	94	393768	33.221	ng	97
11) bis(2-Chloroethyl)ether	6.781	93	337920	36.409	ng	99
12) 1,3-Dichlorobenzene	6.992	146	389679	34.769	ng	98
13) 1,4-Dichlorobenzene	7.069	146	401752	35.724	ng	99
14) 1,2-Dichlorobenzene	7.222	146	385627	36.407	ng	98
15) Benzyl Alcohol	7.187	79	320651	40.083	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	441533	33.846	ng	96
17) 2-Methylphenol	7.292	107	312839	39.009	ng	97
18) Hexachloroethane	7.563	117	134175	35.292	ng	94
19) n-Nitroso-di-n-propyla...	7.457	70	266680	38.576	ng	97
20) 3+4-Methylphenols	7.439	107	404310	38.319	ng	98
22) Acetophenone	7.457	105	536877	38.735	ng	99
24) Nitrobenzene	7.634	77	389713	35.647	ng	96
25) Isophorone	7.869	82	757874	39.627	ng	97
26) 2-Nitrophenol	7.945	139	212876	42.999	ng	90
27) 2,4-Dimethylphenol	7.975	122	298086	41.823	ng	96
28) bis(2-Chloroethoxy)met...	8.075	93	438126	37.835	ng	99
29) 2,4-Dichlorophenol	8.186	162	348343	40.435	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	350528	37.324	ng	99
31) Naphthalene	8.357	128	1166435	38.086	ng	99
32) Benzoic acid	8.081	122	256082	41.648	ng	95
33) 4-Chloroaniline	8.398	127	136616	12.029	ng	99
34) Hexachlorobutadiene	8.469	225	208207	36.110	ng	98
35) Caprolactam	8.769	113	106139m	38.885	ng	
36) 4-Chloro-3-methylphenol	8.875	107	392381	43.676	ng	95
37) 2-Methylnaphthalene	9.051	142	798350	40.271	ng	100
38) 1-Methylnaphthalene	9.151	142	738652	37.872	ng	99
40) 1,2,4,5-Tetrachloroben...	9.216	216	378680	41.199	ng	99
41) Hexachlorocyclopentadiene	9.198	237	372162	99.686	ng	99
43) 2,4,6-Trichlorophenol	9.322	196	275294	44.000	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	305504	44.221	ng		97
46) 1,1'-Biphenyl	9.516	154	1011096	42.454	ng		99
47) 2-Chloronaphthalene	9.545	162	787190	40.940	ng		99
48) 2-Nitroaniline	9.639	65	239447	45.917	ng		89
49) Acenaphthylene	9.963	152	1301480	46.791	ng		99
50) Dimethylphthalate	9.816	163	1031877	47.101	ng		99
51) 2,6-Dinitrotoluene	9.875	165	229098	45.759	ng		98
52) Acenaphthene	10.133	154	866664	47.007	ng		99
53) 3-Nitroaniline	10.045	138	148010	28.230	ng		93
54) 2,4-Dinitrophenol	10.151	184	228305	92.805	ng	#	87
55) Dibenzofuran	10.310	168	1193817	44.496	ng		98
56) 4-Nitrophenol	10.198	139	292747	67.369	ng		94
57) 2,4-Dinitrotoluene	10.280	165	305679	46.734	ng		99
58) Fluorene	10.651	166	948393	44.415	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.416	232	254245	45.330	ng		98
60) Diethylphthalate	10.516	149	971757	46.703	ng		99
61) 4-Chlorophenyl-phenyle...	10.639	204	468191	44.500	ng		100
62) 4-Nitroaniline	10.669	138	196201	36.894	ng		97
63) Azobenzene	10.798	77	880631	43.791	ng		99
65) 4,6-Dinitro-2-methylph...	10.692	198	159186	48.373	ng		84
66) n-Nitrosodiphenylamine	10.757	169	834496	48.623	ng		99
67) 4-Bromophenyl-phenylether	11.133	248	296374	48.300	ng		98
68) Hexachlorobenzene	11.198	284	314432	46.891	ng		97
69) Atrazine	11.280	200	278344	53.190	ng		98
70) Pentachlorophenol	11.392	266	360744	78.360	ng		99
71) Phenanthrene	11.622	178	1274364	45.601	ng		99
72) Anthracene	11.674	178	1302403	46.839	ng		99
73) Carbazole	11.822	167	1093012	40.787	ng		100
74) Di-n-butylphthalate	12.145	149	1426625	48.803	ng		99
75) Fluoranthene	12.816	202	1151748	37.703	ng		99
77) Benzidine	12.927	184	82411	11.954	ng		98
78) Pyrene	13.045	202	1133022	47.941	ng		99
80) Butylbenzylphthalate	13.651	149	434741	57.976	ng		96
81) Benzo(a)anthracene	14.233	228	882438	46.286	ng		100
82) 3,3'-Dichlorobenzidine	14.192	252	208070	36.456	ng		97
83) Chrysene	14.274	228	831996	46.608	ng		98
84) Bis(2-ethylhexyl)phtha...	14.204	149	605717	64.094	ng		100
85) Di-n-octyl phthalate	14.833	149	920789	72.398	ng		97
87) Indeno(1,2,3-cd)pyrene	17.456	276	805058	44.845	ng		99
88) Benzo(b)fluoranthene	15.345	252	843252	42.923	ng		99
89) Benzo(k)fluoranthene	15.374	252	848208	44.670	ng		99
90) Benzo(a)pyrene	15.751	252	765878	47.785	ng		99
91) Dibenzo(a,h)anthracene	17.474	278	661557	45.273	ng		99
92) Benzo(g,h,i)perylene	17.951	276	591726	38.628	ng		99

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

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