Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138078.D
Acq On : 30 May 2024 16:23
Operator : CG\JU
Sample : P2646-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPSMS

Quant Time: May 30 17:03:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.034	152	95287	20.000	ng		-0.01
21) Naphthalene-d8	8.322	136	378658	20.000	ng		0.00
39) Acenaphthene-d10	10.086	164	225816	20.000	ng		0.00
64) Phenanthrene-d10	11.580	188	384422	20.000	ng		0.00
76) Chrysene-d12	14.233	240	188664	20.000	ng		0.00
86) Perylene-d12	15.798	264	203981	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.669	112	589681	105.120	ng		0.00
7) Phenol-d6	6.663	99	733982	106.218	ng		0.00
23) Nitrobenzene-d5	7.598	82	449055	69.791	ng		-0.01
42) 2,4,6-Tribromophenol	10.880	330	279206	122.626	ng		0.00
45) 2-Fluorobiphenyl	9.398	172	861867	58.792	ng		0.00
79) Terphenyl-d14	13.163	244	918221	71.729	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.981	88	80908	33.294	ng		98
4) n-Nitrosodimethylamine	3.710	42	99842	41.506	ng		98
6) Aniline	6.763	93	234894	38.005	ng	#	55
8) 2-Chlorophenol	6.828	128	287617	47.378	ng		95
9) Benzaldehyde	6.587	77	17034	4.556	ng		99
10) Phenol	6.675	94	308447	44.223	ng		96
11) bis(2-Chloroethyl)ether	6.763	93	234894	43.862	ng		98
12) 1,3-Dichlorobenzene	6.975	146	299662	42.664	ng		99
13) 1,4-Dichlorobenzene	7.051	146	304570	43.200	ng		98
14) 1,2-Dichlorobenzene	7.204	146	295114	44.476	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	266954	40.552	ng		84
17) 2-Methylphenol	7.287	107	213068	44.010	ng		95
18) Hexachloroethane	7.545	117	102902	43.132	ng		99
19) n-Nitroso-di-n-propyla...	7.445	70	177649	45.759	ng		97
20) 3+4-Methylphenols	7.440	107	255395	40.268	ng	#	45
22) Acetophenone	7.440	105	375818	44.305	ng	#	93
24) Nitrobenzene	7.616	77	273054	41.833	ng		96
25) Isophorone	7.857	82	494915	44.319	ng		96
26) 2-Nitrophenol	7.934	139	158806	48.420	ng		98
27) 2,4-Dimethylphenol	7.963	122	167395	39.643	ng		98
28) bis(2-Chloroethoxy)met...	8.057	93	296396	43.793	ng		99
29) 2,4-Dichlorophenol	8.187	162	247259	46.565	ng		98
30) 1,2,4-Trichlorobenzene	8.257	180	259078	43.699	ng		99
31) Naphthalene	8.345	128	837084	43.967	ng		100
32) Benzoic acid	8.075	122	56005	15.690	ng		87
33) 4-Chloroaniline	8.610	127	107540m	17.230	ng		
34) Hexachlorobutadiene	8.451	225	164694	43.888	ng		99
35) Caprolactam	8.786	113	77464m	50.354	ng		
36) 4-Chloro-3-methylphenol	8.881	107	167484	31.006	ng		96
37) 2-Methylnaphthalene	9.034	142	571841	46.726	ng		99
38) 1-Methylnaphthalene	9.134	142	520587	43.269	ng		100
40) 1,2,4,5-Tetrachloroben...	9.198	216	279922	45.597	ng		99
41) Hexachlorocyclopentadiene	9.181	237	208711	89.472	ng		100
43) 2,4,6-Trichlorophenol	9.316	196	177258	44.037	ng		98
44) 2,4,5-Trichlorophenol	9.369	196	179911	40.849	ng		96
46) 1,1'-Biphenyl	9.498	154	705299	44.531	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.528	162	549709	43.478	ng		97
48) 2-Nitroaniline	9.628	65	144183	44.534	ng		95
49) Acenaphthylene	9.945	152	875998	48.186	ng		98
50) Dimethylphthalate	9.798	163	668273	47.193	ng		99
51) 2,6-Dinitrotoluene	9.863	165	148842	45.797	ng		99
52) Acenaphthene	10.122	154	605446m	50.389	ng		
53) 3-Nitroaniline	10.069	138	95282	29.989	ng		95
54) 2,4-Dinitrophenol	10.145	184	171602	96.190	ng		89
55) Dibenzofuran	10.292	168	805924	46.088	ng		99
56) 4-Nitrophenol	10.204	139	119596	52.409	ng		92
57) 2,4-Dinitrotoluene	10.269	165	202681	48.240	ng	#	89
58) Fluorene	10.639	166	643076	46.494	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.410	232	149506	43.211	ng		97
60) Diethylphthalate	10.498	149	625252	47.278	ng		99
61) 4-Chlorophenyl-phenyle...	10.622	204	315824	46.302	ng		99
62) 4-Nitroaniline	10.663	138	91208	30.266	ng		96
63) Azobenzene	10.786	77	530958	44.138	ng		97
65) 4,6-Dinitro-2-methylph...	10.680	198	122354	55.123	ng		97
66) n-Nitrosodiphenylamine	10.745	169	538478	45.676	ng		99
67) 4-Bromophenyl-phenylether	11.116	248	197229	46.799	ng		99
68) Hexachlorobenzene	11.186	284	224786	48.253	ng		99
69) Atrazine	11.280	200	122363	38.010	ng		99
70) Pentachlorophenol	11.380	266	222759	81.633	ng		97
71) Phenanthrene	11.610	178	903559	47.696	ng		100
72) Anthracene	11.657	178	894339	47.582	ng		100
73) Carbazole	11.816	167	729070	42.462	ng		99
74) Di-n-butylphthalate	12.127	149	926796	48.638	ng		100
75) Fluoranthene	12.798	202	857187	44.579	ng		99
77) Benzidine	12.957	184	23529m	9.543	ng		
78) Pyrene	13.033	202	856135	51.883	ng		99
80) Butylbenzylphthalate	13.633	149	266621	53.568	ng		97
81) Benzo(a)anthracene	14.221	228	567422	47.538	ng		100
82) 3,3'-Dichlorobenzidine	14.180	252	104516	31.596	ng		99
83) Chrysene	14.257	228	546604	47.883	ng		99
84) Bis(2-ethylhexyl)phtha...	14.186	149	285216	45.586	ng		99
85) Di-n-octyl phthalate	14.810	149	451828	53.455	ng		98
87) Indeno(1,2,3-cd)pyrene	17.433	276	607153	46.329	ng		97
88) Benzo(b)fluoranthene	15.327	252	526896	44.612	ng		99
89) Benzo(k)fluoranthene	15.357	252	523322	45.103	ng		100
90) Benzo(a)pyrene	15.733	252	496796	49.260	ng		98
91) Dibenzo(a,h)anthracene	17.451	278	474067	43.783	ng		98
92) Benzo(g,h,i)perylene	17.933	276	463231	40.725	ng		98

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

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