Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141636.D
Acq On : 14 Feb 2025 13:37
Operator : RC/JU
Sample : Q1356-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

Quant Time: Feb 14 14:03:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	84972	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	344114	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	188709	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	320276	20.000	ng		0.00
76) Chrysene-d12	13.957	240	187767	20.000	ng		0.00
86) Perylene-d12	15.433	264	159211	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	720859	132.999	ng		0.00
7) Phenol-d6	6.434	99	823753	120.248	ng		0.00
23) Nitrobenzene-d5	7.351	82	650153	98.545	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	268857	141.827	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	1163900	95.022	ng		0.00
79) Terphenyl-d14	12.898	244	1297134	116.623	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	94510	43.325	ng		99
3) Pyridine	3.275	79	129916	25.027	ng		95
4) n-Nitrosodimethylamine	3.228	42	141641	41.208	ng		94
6) Aniline	6.451	93	135885	21.146	ng	#	55
8) 2-Chlorophenol	6.575	128	269765	46.062	ng		99
9) Benzaldehyde	6.334	77	96642	26.547	ng		98
10) Phenol	6.446	94	272696	38.246	ng		88
11) bis(2-Chloroethyl)ether	6.522	93	249365	46.563	ng		100
12) 1,3-Dichlorobenzene	6.728	146	274383	44.378	ng		97
13) 1,4-Dichlorobenzene	6.804	146	281210	44.516	ng		99
14) 1,2-Dichlorobenzene	6.957	146	270371	46.115	ng		98
15) Benzyl Alcohol	6.934	79	221414	42.148	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	401252	43.769	ng		78
17) 2-Methylphenol	7.051	107	203996	44.511	ng		96
18) Hexachloroethane	7.298	117	105061	44.938	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	190325	46.447	ng		96
20) 3+4-Methylphenols	7.204	107	261327	44.867	ng		98
22) Acetophenone	7.198	105	413898	48.352	ng		95
24) Nitrobenzene	7.375	77	288642	44.866	ng		99
25) Isophorone	7.610	82	504925	47.999	ng		99
26) 2-Nitrophenol	7.687	139	143208	44.742	ng		96
27) 2,4-Dimethylphenol	7.728	122	217464	58.159	ng		98
28) bis(2-Chloroethoxy)met...	7.822	93	308243	45.728	ng		100
29) 2,4-Dichlorophenol	7.934	162	229425	45.412	ng		100
30) 1,2,4-Trichlorobenzene	8.010	180	242498	44.078	ng		99
31) Naphthalene	8.092	128	778564	43.465	ng		100
32) Benzoic acid	7.863	122	132353	34.078	ng		97
33) 4-Chloroaniline	8.151	127	47445	7.586	ng		97
34) Hexachlorobutadiene	8.204	225	148293	44.899	ng		99
35) Caprolactam	8.516	113	59889m	38.934	ng		
36) 4-Chloro-3-methylphenol	8.640	107	246482	44.044	ng		100
37) 2-Methylnaphthalene	8.781	142	498009	42.725	ng		99
38) 1-Methylnaphthalene	8.881	142	484567	42.922	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	267826	49.056	ng		98
41) Hexachlorocyclopentadiene	8.934	237	267751	147.448	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	161389	45.737	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	169569	44.341	ng	98
46) 1,1'-Biphenyl	9.245	154	720778	49.266	ng	99
47) 2-Chloronaphthalene	9.269	162	492631	45.535	ng	99
48) 2-Nitroaniline	9.369	65	159276	43.869	ng	99
49) Acenaphthylene	9.687	152	757692	47.086	ng	99
50) Dimethylphthalate	9.551	163	587334	45.846	ng	100
51) 2,6-Dinitrotoluene	9.616	165	129736	46.325	ng	96
52) Acenaphthene	9.857	154	477895	44.175	ng	100
53) 3-Nitroaniline	9.781	138	52673	17.475	ng	97
54) 2,4-Dinitrophenol	9.898	184	161892	97.264	ng	92
55) Dibenzofuran	10.028	168	684122	43.083	ng	100
56) 4-Nitrophenol	9.963	139	173490	77.535	ng	97
57) 2,4-Dinitrotoluene	10.022	165	175435	47.056	ng	98
58) Fluorene	10.375	166	546127	44.481	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	143768	43.667	ng	97
60) Diethylphthalate	10.245	149	557799	44.254	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	262210	44.392	ng	99
62) 4-Nitroaniline	10.398	138	123974	40.505	ng	97
63) Azobenzene	10.522	77	536984	42.854	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	102555	46.096	ng	97
66) n-Nitrosodiphenylamine	10.486	169	472341	46.072	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	162515	45.402	ng	94
68) Hexachlorobenzene	10.922	284	174584	47.365	ng	99
69) Atrazine	11.016	200	165172	53.702	ng	98
70) Pentachlorophenol	11.122	266	188251	79.874	ng	99
71) Phenanthrene	11.333	178	817975	46.397	ng	100
72) Anthracene	11.386	178	835984	47.172	ng	100
73) Carbazole	11.545	167	727521	45.623	ng	100
74) Di-n-butylphthalate	11.869	149	839845	45.613	ng	100
75) Fluoranthene	12.522	202	820316	43.888	ng	100
77) Benzidine	12.657	184	32906	7.946	ng	98
78) Pyrene	12.751	202	831249	52.005	ng	99
80) Butylbenzylphthalate	13.369	149	291462	52.645	ng	100
81) Benzo(a)anthracene	13.945	228	603503	48.352	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	100379	28.075	ng	99
83) Chrysene	13.986	228	525534	45.600	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	325174	52.076	ng	100
85) Di-n-octyl phthalate	14.574	149	450683	50.594	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	549103	55.817	ng	99
88) Benzo(b)fluoranthene	15.016	252	456328	42.686	ng	99
89) Benzo(k)fluoranthene	15.045	252	431507	47.270	ng	98
90) Benzo(a)pyrene	15.374	252	423546	48.964	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	445100	55.839	ng	99
92) Benzo(g,h,i)perylene	17.315	276	434697	52.112	ng	99

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

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