Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136440.D
Acq On : 06 Dec 2023 21:26
Operator : CG\JU
Sample : 05602-05MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 07 00:56:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	82294	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	273195	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	131749	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	270643	20.000	ng		0.00
76) Chrysene-d12	13.980	240	163156	20.000	ng		0.00
86) Perylene-d12	15.457	264	140651	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	440878	79.119	ng		0.00
7) Phenol-d6	6.440	99	502051	72.213	ng		0.00
23) Nitrobenzene-d5	7.357	82	283155	56.031	ng		-0.01
42) 2,4,6-Tribromophenol	10.628	330	137002	84.336	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	519373	53.791	ng		-0.01
79) Terphenyl-d14	12.922	244	690239	55.760	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	78751	35.730	ng		99
3) Pyridine	3.340	79	187324	35.096	ng		100
4) n-Nitrosodimethylamine	3.299	42	91137	39.301	ng		96
6) Aniline	6.463	93	214554	30.536	ng		99
8) 2-Chlorophenol	6.587	128	212566	34.942	ng		99
9) Benzaldehyde	6.351	77	82181	20.722	ng		95
10) Phenol	6.451	94	260719	35.242	ng		93
11) bis(2-Chloroethyl)ether	6.540	93	203755	36.950	ng		98
12) 1,3-Dichlorobenzene	6.740	146	228647	33.421	ng		98
13) 1,4-Dichlorobenzene	6.816	146	231052	33.293	ng		97
14) 1,2-Dichlorobenzene	6.969	146	217496	33.327	ng		98
15) Benzyl Alcohol	6.940	79	157451	33.820	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	237998	33.558	ng		99
17) 2-Methylphenol	7.057	107	155081	31.554	ng		98
18) Hexachloroethane	7.304	117	63769	26.319	ng		94
19) n-Nitroso-di-n-propyla...	7.210	70	131741	32.849	ng		97
20) 3+4-Methylphenols	7.204	107	190416	31.214	ng	#	84
22) Acetophenone	7.204	105	281722	41.760	ng		97
24) Nitrobenzene	7.381	77	189721	37.319	ng		95
25) Isophorone	7.616	82	338103	37.239	ng		99
26) 2-Nitrophenol	7.693	139	91715	36.697	ng		96
27) 2,4-Dimethylphenol	7.734	122	144472	46.880	ng		97
28) bis(2-Chloroethoxy)met...	7.828	93	208770	37.421	ng		97
29) 2,4-Dichlorophenol	7.934	162	148864	36.597	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	170971	36.046	ng		99
31) Naphthalene	8.098	128	546981	36.307	ng		99
32) Benzoic acid	7.840	122	104233	34.095	ng		96
33) 4-Chloroaniline	8.151	127	159575	29.710	ng		97
34) Hexachlorobutadiene	8.216	225	100795	35.857	ng		98
35) Caprolactam	8.504	113	47294m	37.755	ng		
36) 4-Chloro-3-methylphenol	8.634	107	149027	34.505	ng		99
37) 2-Methylnaphthalene	8.792	142	327873	34.208	ng		94
38) 1-Methylnaphthalene	8.887	142	315411	33.536	ng		96
40) 1,2,4,5-Tetrachloroben...	8.957	216	162189	39.569	ng		99
41) Hexachlorocyclopentadiene	8.940	237	17451	11.492	ng		96
43) 2,4,6-Trichlorophenol	9.069	196	98738	36.996	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	113430	38.080	ng	95
46) 1,1'-Biphenyl	9.257	154	421970	37.641	ng	100
47) 2-Chloronaphthalene	9.281	162	317633	36.403	ng	99
48) 2-Nitroaniline	9.375	65	97565	41.691	ng	97
49) Acenaphthylene	9.692	152	499938	40.222	ng	98
50) Dimethylphthalate	9.557	163	355926	36.694	ng	99
51) 2,6-Dinitrotoluene	9.622	165	72322	33.142	ng	92
52) Acenaphthene	9.869	154	297179	37.311	ng	98
53) 3-Nitroaniline	9.787	138	95433	42.826	ng	96
54) 2,4-Dinitrophenol	9.898	184	12779	11.582	ng	94
55) Dibenzofuran	10.039	168	451414	38.795	ng	100
56) 4-Nitrophenol	9.957	139	149826	89.689	ng	96
57) 2,4-Dinitrotoluene	10.028	165	98137	33.995	ng	95
58) Fluorene	10.386	166	361051	38.655	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	100487	42.115	ng	97
60) Diethylphthalate	10.257	149	337358	35.369	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	168991	37.113	ng	92
62) 4-Nitroaniline	10.404	138	100033	45.209	ng	99
63) Azobenzene	10.539	77	322990	37.204	ng	99
65) 4,6-Dinitro-2-methylph...	10.434	198	10072	6.009	ng	94
66) n-Nitrosodiphenylamine	10.498	169	311268	35.842	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	108213	34.390	ng	95
68) Hexachlorobenzene	10.933	284	129550	35.622	ng	94
69) Atrazine	11.028	200	103162	41.620	ng	99
70) Pentachlorophenol	11.133	266	153639	74.852	ng	99
71) Phenanthrene	11.351	178	590234	39.678	ng	98
72) Anthracene	11.404	178	604750	40.362	ng	98
73) Carbazole	11.557	167	542789	40.931	ng	99
74) Di-n-butylphthalate	11.892	149	593829	36.528	ng	99
75) Fluoranthene	12.545	202	623673	40.007	ng	99
77) Benzidine	12.675	184	392585	69.660	ng	98
78) Pyrene	12.775	202	627881	39.294	ng	98
80) Butylbenzylphthalate	13.398	149	238409	41.913	ng	89
81) Benzo(a)anthracene	13.969	228	440457	38.756	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	172013	53.982	ng	100
83) Chrysene	14.004	228	415410	37.152	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	301816	43.282	ng	98
85) Di-n-octyl phthalate	14.580	149	450249	43.713	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	325654	33.327	ng	98
88) Benzo(b)fluoranthene	15.027	252	353430	36.752	ng	98
89) Benzo(k)fluoranthene	15.057	252	328490	36.246	ng	99
90) Benzo(a)pyrene	15.398	252	298487	37.584	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	266718	33.319	ng	99
92) Benzo(g,h,i)perylene	17.421	276	240453	29.265	ng	98

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

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