Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134033.D
Acq On : 29 Jun 2023 13:05
Operator : CG\JU
Sample : 03336-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 14:05:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 23:12:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	125218	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	485639	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	249918	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	481022	20.000	ng		0.00
76) Chrysene-d12	14.045	240	239661	20.000	ng		0.00
86) Perylene-d12	15.545	264	238113	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	678177	90.597	ng		0.02
7) Phenol-d6	6.493	99	783674	85.127	ng		0.00
23) Nitrobenzene-d5	7.416	82	619018	68.710	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	317649	101.373	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1141057	66.381	ng		0.00
79) Terphenyl-d14	12.980	244	1294824	86.953	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	95977	31.095	ng	#	80
3) Pyridine	3.569	79	251372	31.266	ng		97
4) n-Nitrosodimethylamine	3.499	42	174044	37.903	ng		95
6) Aniline	6.516	93	207289	18.504	ng		96
8) 2-Chlorophenol	6.634	128	286810	37.744	ng		99
9) Benzaldehyde	6.404	77	80917	13.068	ng		98
10) Phenol	6.504	94	308054	31.826	ng		93
11) bis(2-Chloroethyl)ether	6.587	93	260739	36.589	ng		100
12) 1,3-Dichlorobenzene	6.787	146	311335	38.430	ng		99
13) 1,4-Dichlorobenzene	6.863	146	311000	38.007	ng		98
14) 1,2-Dichlorobenzene	7.016	146	298786	38.989	ng		99
15) Benzyl Alcohol	6.992	79	275564	38.829	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	461677	36.621	ng		97
17) 2-Methylphenol	7.104	107	238871	35.104	ng		96
18) Hexachloroethane	7.357	117	119898	39.517	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	219123	37.533	ng		99
20) 3+4-Methylphenols	7.257	107	294289	35.649	ng	#	85
22) Acetophenone	7.257	105	428597	38.806	ng		98
24) Nitrobenzene	7.434	77	330582	36.312	ng		96
25) Isophorone	7.669	82	592269	36.173	ng		97
26) 2-Nitrophenol	7.745	139	162404	37.186	ng		95
27) 2,4-Dimethylphenol	7.792	122	263346	38.094	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	343820	36.265	ng		99
29) 2,4-Dichlorophenol	7.998	162	254306	37.097	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	266990	37.746	ng		98
31) Naphthalene	8.151	128	833058	35.513	ng		99
32) Benzoic acid	7.910	122	91203	17.606	ng		93
33) 4-Chloroaniline	8.198	127	143582	14.309	ng		98
34) Hexachlorobutadiene	8.263	225	168619	37.790	ng		99
35) Caprolactam	8.575	113	73100m	32.386	ng		
36) 4-Chloro-3-methylphenol	8.692	107	292068	37.926	ng		95
37) 2-Methylnaphthalene	8.845	142	584341	35.226	ng		99
38) 1-Methylnaphthalene	8.945	142	534472	34.658	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	275277	37.178	ng		99
41) Hexachlorocyclopentadiene	8.992	237	271520	77.297	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	190196	37.735	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	200851	33.877	ng		99
46) 1,1'-Biphenyl	9.310	154	739490	36.887	ng		97
47) 2-Chloronaphthalene	9.334	162	498373	33.977	ng		94
48) 2-Nitroaniline	9.434	65	202538	37.888	ng		98
49) Acenaphthylene	9.751	152	917375	36.612	ng		99
50) Dimethylphthalate	9.616	163	674534	37.182	ng		99
51) 2,6-Dinitrotoluene	9.675	165	146226	37.423	ng	#	82
52) Acenaphthene	9.922	154	539708	37.121	ng		99
53) 3-Nitroaniline	9.845	138	113937	24.306	ng		97
54) 2,4-Dinitrophenol	9.957	184	81514	38.242	ng		95
55) Dibenzofuran	10.098	168	819874	36.082	ng		99
56) 4-Nitrophenol	10.016	139	198920	60.667	ng		92
57) 2,4-Dinitrotoluene	10.086	165	190142	36.848	ng		92
58) Fluorene	10.439	166	651076	36.830	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	169685	36.283	ng		98
60) Diethylphthalate	10.316	149	706575	37.383	ng		100
61) 4-Chlorophenyl-phenyle...	10.433	204	313697	36.822	ng		99
62) 4-Nitroaniline	10.469	138	155260	32.865	ng		96
63) Azobenzene	10.592	77	653743	36.566	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	74357	28.353	ng		99
66) n-Nitrosodiphenylamine	10.557	169	575986	37.478	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	193586	37.864	ng	#	89
68) Hexachlorobenzene	10.992	284	219581	40.450	ng		96
69) Atrazine	11.086	200	188599	44.364	ng		96
70) Pentachlorophenol	11.186	266	200333	61.721	ng		98
71) Phenanthrene	11.410	178	897342	37.057	ng		99
72) Anthracene	11.463	178	937009	37.202	ng		99
73) Carbazole	11.622	167	836881	36.301	ng		100
74) Di-n-butylphthalate	11.945	149	1063184	38.781	ng		99
75) Fluoranthene	12.604	202	920228	35.151	ng		98
77) Benzidine	12.727	184	284730	49.930	ng		99
78) Pyrene	12.833	202	911318	40.859	ng		99
80) Butylbenzylphthalate	13.457	149	345936	41.355	ng		97
81) Benzo(a)anthracene	14.033	228	618600	37.218	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	134639	25.568	ng	#	99
83) Chrysene	14.069	228	581339	36.111	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	402864	41.913	ng		99
85) Di-n-octyl phthalate	14.639	149	657221	46.535	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	688263	41.656	ng		98
88) Benzo(b)fluoranthene	15.104	252	545446	38.957	ng		99
89) Benzo(k)fluoranthene	15.133	252	543350	38.115	ng		98
90) Benzo(a)pyrene	15.486	252	487140	35.980	ng		98
91) Dibenzo(a,h)anthracene	17.115	278	561662	41.618	ng		99
92) Benzo(g,h,i)perylene	17.574	276	562097	40.389	ng		97

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

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