Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136424.D
Acq On : 06 Dec 2023 12:58
Operator : CG\JU
Sample : 05256-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

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

Quant Time: Dec 06 14:53:41 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	102299	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	409625	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	198763	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	331633	20.000	ng	0.00
76) Chrysene-d12	13.974	240	166120	20.000	ng	0.00
86) Perylene-d12	15.451	264	190655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	848612	122.509	ng	0.02
7) Phenol-d6	6.445	99	990344	114.591	ng	0.00
23) Nitrobenzene-d5	7.363	82	686458	90.595	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	315618	128.784	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1355632	93.064	ng	0.00
79) Terphenyl-d14	12.915	244	1207890	95.838	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	111522	40.704	ng	# 86
3) Pyridine	3.475	79	244652	36.873	ng	99
4) n-Nitrosodimethylamine	3.416	42	134140	46.534	ng	98
6) Aniline	6.463	93	244367	27.978	ng	# 89
8) 2-Chlorophenol	6.586	128	358657	47.428	ng	99
9) Benzaldehyde	6.351	77	28270	4.337	ng	97
10) Phenol	6.457	94	383639	41.716	ng	96
11) bis(2-Chloroethyl)ether	6.539	93	320481	46.753	ng	98
12) 1,3-Dichlorobenzene	6.739	146	362352	42.608	ng	99
13) 1,4-Dichlorobenzene	6.816	146	376351	43.625	ng	99
14) 1,2-Dichlorobenzene	6.969	146	354776	43.732	ng	99
15) Benzyl Alcohol	6.945	79	247044	42.688	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	404822	45.917	ng	94
17) 2-Methylphenol	7.057	107	285384	46.712	ng	96
18) Hexachloroethane	7.304	117	130823	43.434	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	226214	45.375	ng	98
20) 3+4-Methylphenols	7.210	107	329501	43.451	ng	91
22) Acetophenone	7.210	105	483339	47.783	ng	99
24) Nitrobenzene	7.381	77	345546	45.333	ng	99
25) Isophorone	7.616	82	629153	46.217	ng	100
26) 2-Nitrophenol	7.692	139	182484	48.697	ng	99
27) 2,4-Dimethylphenol	7.733	122	245488	53.128	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	396806	47.436	ng	99
29) 2,4-Dichlorophenol	7.933	162	290607	47.648	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	321752	45.242	ng	98
31) Naphthalene	8.098	128	1029225	45.563	ng	100
32) Benzoic acid	7.863	122	206271	45.000	ng	99
33) 4-Chloroaniline	8.145	127	162328	20.157	ng	99
34) Hexachlorobutadiene	8.210	225	182395	43.275	ng	99
35) Caprolactam	8.516	113	78987m	42.054	ng	
36) 4-Chloro-3-methylphenol	8.633	107	297627	45.959	ng	100
37) 2-Methylnaphthalene	8.786	142	650866	45.290	ng	95
38) 1-Methylnaphthalene	8.886	142	630014	44.676	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	316918	51.250	ng	99
41) Hexachlorocyclopentadiene	8.939	237	276052	120.497	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	203837	50.625	ng	98

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44) 2,4,5-Trichlorophenol	9.116	196	218715	48.669	ng		96
46) 1,1'-Biphenyl	9.257	154	841022	49.727	ng		99
47) 2-Chloronaphthalene	9.280	162	629346	47.810	ng		98
48) 2-Nitroaniline	9.380	65	174902	49.540	ng		90
49) Acenaphthylene	9.698	152	982088	52.373	ng		100
50) Dimethylphthalate	9.563	163	705369	48.202	ng		99
51) 2,6-Dinitrotoluene	9.622	165	154975	47.074	ng		97
52) Acenaphthene	9.869	154	583784	48.583	ng		98
53) 3-Nitroaniline	9.792	138	112959	33.600	ng		96
54) 2,4-Dinitrophenol	9.898	184	161811	97.212	ng	#	86
55) Dibenzofuran	10.039	168	861884	49.098	ng		99
56) 4-Nitrophenol	9.957	139	216225	85.797	ng		99
57) 2,4-Dinitrotoluene	10.027	165	198693	45.623	ng		99
58) Fluorene	10.386	166	662891	47.042	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	176745	49.100	ng		100
60) Diethylphthalate	10.263	149	657147	45.668	ng		100
61) 4-Chlorophenyl-phenyle...	10.374	204	318784	46.406	ng		99
62) 4-Nitroaniline	10.410	138	141506	42.391	ng		99
63) Azobenzene	10.539	77	599818	45.796	ng		98
65) 4,6-Dinitro-2-methylph...	10.433	198	101779	49.555	ng		97
66) n-Nitrosodiphenylamine	10.498	169	566277	53.214	ng		100
67) 4-Bromophenyl-phenylether	10.869	248	199223	51.669	ng		96
68) Hexachlorobenzene	10.933	284	223554	50.165	ng	#	92
69) Atrazine	11.027	200	172697	56.860	ng		99
70) Pentachlorophenol	11.127	266	236530	94.044	ng		98
71) Phenanthrene	11.351	178	939835	51.560	ng		99
72) Anthracene	11.398	178	933857	50.865	ng		99
73) Carbazole	11.557	167	753690	46.382	ng		99
74) Di-n-butylphthalate	11.892	149	926462	46.508	ng		100
75) Fluoranthene	12.539	202	825161	43.198	ng		99
77) Benzidine	12.663	184	26325	11.470	ng		99
78) Pyrene	12.768	202	812610	49.948	ng		99
80) Butylbenzylphthalate	13.398	149	273762	47.269	ng		98
81) Benzo(a)anthracene	13.962	228	589782	50.969	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	176549	54.417	ng		98
83) Chrysene	13.998	228	566688	49.777	ng		98
84) Bis(2-ethylhexyl)phtha...	13.962	149	344751	48.557	ng		98
85) Di-n-octyl phthalate	14.574	149	543212	51.798	ng		99
87) Indeno(1,2,3-cd)pyrene	16.956	276	779246	58.832	ng		100
88) Benzo(b)fluoranthene	15.015	252	653747	50.151	ng		99
89) Benzo(k)fluoranthene	15.051	252	568589	46.284	ng		99
90) Benzo(a)pyrene	15.386	252	574410	53.357	ng		100
91) Dibenzo(a,h)anthracene	16.980	278	647063	59.632	ng		98
92) Benzo(g,h,i)perylene	17.415	276	625948	56.202	ng		98

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

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