Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136581.D
Acq On : 14 Dec 2023 21:55
Operator : CG\JU
Sample : 05574-03MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 15 00:39:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	105333	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	422657	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	204214	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	336079	20.000	ng		0.00
76) Chrysene-d12	13.968	240	225758	20.000	ng		0.00
86) Perylene-d12	15.445	264	252196	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	762423	106.896	ng		0.03
7) Phenol-d6	6.445	99	856374	96.235	ng		0.01
23) Nitrobenzene-d5	7.357	82	633710	81.055	ng		0.00
42) 2,4,6-Tribromophenol	10.621	330	274343	108.954	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1270622	84.899	ng		0.00
79) Terphenyl-d14	12.910	244	1193376	69.673	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	100660	35.682	ng	#	83
3) Pyridine	3.469	79	204092	29.874	ng		96
4) n-Nitrosodimethylamine	3.404	42	112982	38.065	ng		98
6) Aniline	6.457	93	84886	9.439	ng	#	1
8) 2-Chlorophenol	6.581	128	298810	38.376	ng		99
9) Benzaldehyde	6.345	77	92881	17.894	ng		97
10) Phenol	6.457	94	296442	31.306	ng		97
11) bis(2-Chloroethyl)ether	6.528	93	280116	39.687	ng		97
12) 1,3-Dichlorobenzene	6.728	146	321415	36.705	ng		98
13) 1,4-Dichlorobenzene	6.804	146	329954	37.145	ng		99
14) 1,2-Dichlorobenzene	6.957	146	309534	37.056	ng		98
15) Benzyl Alcohol	6.939	79	246219	41.320	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	328325	36.168	ng		93
17) 2-Methylphenol	7.051	107	227814	36.215	ng		94
18) Hexachloroethane	7.292	117	113940	36.739	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	199045	38.775	ng		98
20) 3+4-Methylphenols	7.204	107	281001	35.988	ng		93
22) Acetophenone	7.198	105	427951	41.003	ng	#	95
24) Nitrobenzene	7.369	77	294852	37.489	ng		99
25) Isophorone	7.610	82	539563	38.413	ng		98
26) 2-Nitrophenol	7.686	139	157716	40.790	ng		93
27) 2,4-Dimethylphenol	7.728	122	222283	46.623	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	340232	39.419	ng		97
29) 2,4-Dichlorophenol	7.933	162	238129	37.840	ng		97
30) 1,2,4-Trichlorobenzene	8.010	180	281115	38.309	ng		97
31) Naphthalene	8.086	128	886232	38.023	ng		98
32) Benzoic acid	7.857	122	144110	30.470	ng		95
33) 4-Chloroaniline	8.139	127	41918	5.045	ng		98
34) Hexachlorobutadiene	8.204	225	163768	37.657	ng		98
35) Caprolactam	8.510	113	57958m	29.907	ng		
36) 4-Chloro-3-methylphenol	8.633	107	239117	35.786	ng		99
37) 2-Methylnaphthalene	8.780	142	554451	37.392	ng		94
38) 1-Methylnaphthalene	8.880	142	536240	36.853	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	280617	44.168	ng		99
41) Hexachlorocyclopentadiene	8.933	237	200476	85.173	ng		97
43) 2,4,6-Trichlorophenol	9.063	196	168983	40.848	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	171042	37.045	ng	95
46) 1,1'-Biphenyl	9.245	154	733348	42.203	ng	99
47) 2-Chloronaphthalene	9.269	162	539544	39.894	ng	98
48) 2-Nitroaniline	9.369	65	139808	38.543	ng	97
49) Acenaphthylene	9.686	152	819754	42.549	ng	98
50) Dimethylphthalate	9.551	163	619636	41.213	ng	98
51) 2,6-Dinitrotoluene	9.616	165	134816	39.858	ng	91
52) Acenaphthene	9.857	154	479463	38.836	ng	96
53) 3-Nitroaniline	9.780	138	59064	17.100	ng	99
54) 2,4-Dinitrophenol	9.892	184	94599	55.316	ng	95
55) Dibenzofuran	10.033	168	718118	39.816	ng	97
56) 4-Nitrophenol	9.963	139	159036	61.420	ng	91
57) 2,4-Dinitrotoluene	10.022	165	175329	39.183	ng	92
58) Fluorene	10.374	166	551602	38.100	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	138361	37.411	ng	100
60) Diethylphthalate	10.251	149	583458	39.465	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	279725	39.633	ng	93
62) 4-Nitroaniline	10.398	138	106092	30.933	ng	97
63) Azobenzene	10.527	77	486456	36.149	ng	96
65) 4,6-Dinitro-2-methylph...	10.427	198	70600	33.920	ng	89
66) n-Nitrosodiphenylamine	10.492	169	474446	43.995	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	168370	43.089	ng	94
68) Hexachlorobenzene	10.921	284	186386	41.271	ng	94
69) Atrazine	11.021	200	154727	50.270	ng	97
70) Pentachlorophenol	11.121	266	212779	83.481	ng	98
71) Phenanthrene	11.339	178	779740	42.211	ng	98
72) Anthracene	11.392	178	766385	41.191	ng	99
73) Carbazole	11.551	167	652371	39.616	ng	98
74) Di-n-butylphthalate	11.886	149	833465	41.286	ng	99
75) Fluoranthene	12.533	202	753004	38.899	ng	98
78) Pyrene	12.763	202	758289	34.296	ng	98
80) Butylbenzylphthalate	13.386	149	315326	40.063	ng	93
81) Benzo(a)anthracene	13.957	228	643042	40.892	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	109805	24.904	ng	98
83) Chrysene	13.992	228	616661	39.857	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	432478	44.822	ng	100
85) Di-n-octyl phthalate	14.568	149	715257	50.186	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	664182	37.909	ng	100
88) Benzo(b)fluoranthene	15.009	252	689243	39.972	ng	100
89) Benzo(k)fluoranthene	15.039	252	581620	35.791	ng	98
90) Benzo(a)pyrene	15.380	252	572260	40.186	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	554917	38.661	ng	98
92) Benzo(g,h,i)perylene	17.403	276	491231	33.343	ng	99

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

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