Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136582.D
Acq On : 14 Dec 2023 22:28
Operator : CG\JU
Sample : 05574-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD

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

Quant Time: Dec 15 00:40:11 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	6.787	152	97289	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	375461	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	173696	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	282491	20.000	ng		0.00
76) Chrysene-d12	13.968	240	210731	20.000	ng		0.00
86) Perylene-d12	15.445	264	238696	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	730969	110.960	ng		0.02
7) Phenol-d6	6.439	99	807594	98.257	ng		0.00
23) Nitrobenzene-d5	7.351	82	596099	85.829	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	243796	113.834	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1172221	92.086	ng		0.00
79) Terphenyl-d14	12.910	244	1096057	68.554	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	96827	37.161	ng	#	84
3) Pyridine	3.457	79	191261	30.310	ng		96
4) n-Nitrosodimethylamine	3.393	42	107468	39.201	ng		97
6) Aniline	6.457	93	80992	9.751	ng	#	1
8) 2-Chlorophenol	6.581	128	281231	39.104	ng		99
9) Benzaldehyde	6.345	77	90600	19.081	ng		91
10) Phenol	6.451	94	275295	31.477	ng		97
11) bis(2-Chloroethyl)ether	6.528	93	266389	40.863	ng		97
12) 1,3-Dichlorobenzene	6.728	146	304849	37.692	ng		96
13) 1,4-Dichlorobenzene	6.804	146	313879	38.257	ng		99
14) 1,2-Dichlorobenzene	6.957	146	295677	38.324	ng		99
15) Benzyl Alcohol	6.939	79	228351	41.490	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	313706	37.415	ng		74
17) 2-Methylphenol	7.051	107	213124	36.681	ng		96
18) Hexachloroethane	7.292	117	107858	37.654	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	184466	38.906	ng		99
20) 3+4-Methylphenols	7.204	107	259459	35.977	ng	#	87
22) Acetophenone	7.198	105	407102	43.909	ng	#	95
24) Nitrobenzene	7.369	77	272135	38.950	ng		98
25) Isophorone	7.610	82	502655	40.284	ng		97
26) 2-Nitrophenol	7.686	139	148192	43.144	ng		93
27) 2,4-Dimethylphenol	7.728	122	203949	48.154	ng		98
28) bis(2-Chloroethoxy)met...	7.822	93	323784	42.229	ng		97
29) 2,4-Dichlorophenol	7.928	162	222176	39.743	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	265688	40.758	ng		97
31) Naphthalene	8.086	128	830410	40.106	ng		99
32) Benzoic acid	7.851	122	131162	31.218	ng		95
33) 4-Chloroaniline	8.139	127	31131	4.217	ng		98
34) Hexachlorobutadiene	8.204	225	155005	40.123	ng		98
35) Caprolactam	8.510	113	51583m	29.963	ng		
36) 4-Chloro-3-methylphenol	8.633	107	213127	35.906	ng		100
37) 2-Methylnaphthalene	8.781	142	520369	39.504	ng		94
38) 1-Methylnaphthalene	8.880	142	496586	38.418	ng		96
40) 1,2,4,5-Tetrachloroben...	8.945	216	263621	48.783	ng		98
41) Hexachlorocyclopentadiene	8.928	237	191297	95.552	ng		97
43) 2,4,6-Trichlorophenol	9.063	196	149220	42.408	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	154842	39.428	ng	#	93
46) 1,1'-Biphenyl	9.245	154	672521	45.503	ng		98
47) 2-Chloronaphthalene	9.269	162	488933	42.503	ng		96
48) 2-Nitroaniline	9.369	65	123491	40.026	ng		95
49) Acenaphthylene	9.686	152	739838	45.148	ng		98
50) Dimethylphthalate	9.551	163	556282	43.500	ng		99
51) 2,6-Dinitrotoluene	9.610	165	119381	41.495	ng		94
52) Acenaphthene	9.857	154	434746	41.401	ng		95
53) 3-Nitroaniline	9.780	138	47802	16.271	ng		95
54) 2,4-Dinitrophenol	9.892	184	78746	54.136	ng		99
55) Dibenzofuran	10.027	168	649371	42.331	ng		98
56) 4-Nitrophenol	9.957	139	140253	63.683	ng		95
57) 2,4-Dinitrotoluene	10.016	165	149696	39.333	ng		94
58) Fluorene	10.375	166	490459	39.828	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	123632	39.302	ng		99
60) Diethylphthalate	10.251	149	510927	40.631	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	246874	41.124	ng		94
62) 4-Nitroaniline	10.398	138	93570	32.076	ng		96
63) Azobenzene	10.527	77	430623	37.623	ng		98
65) 4,6-Dinitro-2-methylph...	10.427	198	62043	35.463	ng		80
66) n-Nitrosodiphenylamine	10.486	169	419735	46.305	ng		96
67) 4-Bromophenyl-phenylether	10.857	248	150096	45.700	ng		94
68) Hexachlorobenzene	10.922	284	169210	44.575	ng		94
69) Atrazine	11.022	200	136894	52.913	ng		98
70) Pentachlorophenol	11.122	266	194016	90.559	ng		96
71) Phenanthrene	11.339	178	686267	44.198	ng		99
72) Anthracene	11.392	178	684678	43.780	ng		98
73) Carbazole	11.551	167	585928	42.331	ng		98
74) Di-n-butylphthalate	11.880	149	732559	43.171	ng		99
75) Fluoranthene	12.533	202	691266	42.483	ng		98
78) Pyrene	12.763	202	701809	34.005	ng		98
80) Butylbenzylphthalate	13.386	149	288113	39.216	ng		93
81) Benzo(a)anthracene	13.957	228	628682	42.829	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	104391	25.365	ng		98
83) Chrysene	13.992	228	600648	41.591	ng		98
84) Bis(2-ethylhexyl)phtha...	13.951	149	401971	44.631	ng		99
85) Di-n-octyl phthalate	14.568	149	689692	51.843	ng		98
87) Indeno(1,2,3-cd)pyrene	16.945	276	634346	38.253	ng		99
88) Benzo(b)fluoranthene	15.010	252	631722	38.708	ng		99
89) Benzo(k)fluoranthene	15.039	252	621504	40.409	ng		99
90) Benzo(a)pyrene	15.380	252	561583	41.667	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	530957	39.083	ng		99
92) Benzo(g,h,i)perylene	17.398	276	474451	34.026	ng		99

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

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