Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133415.D
Acq On : 17 May 2023 16:11
Operator : CG\JU
Sample : 02774-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

Quant Time: May 17 17:13:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 16 14:39:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	239419	20.000	ng		0.00
21) Naphthalene-d8	7.998	136	977347	20.000	ng		-0.01
39) Acenaphthene-d10	9.757	164	511620	20.000	ng		0.00
64) Phenanthrene-d10	11.239	188	910971	20.000	ng		0.00
76) Chrysene-d12	13.874	240	418286	20.000	ng		-0.01
86) Perylene-d12	15.298	264	513095	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1834566	115.752	ng		0.01
7) Phenol-d6	6.369	99	2120168	107.775	ng		0.00
23) Nitrobenzene-d5	7.287	82	1480109	81.743	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	647637	125.869	ng		0.00
45) 2-Fluorobiphenyl	9.081	172	2560826	83.739	ng		0.00
79) Terphenyl-d14	12.827	244	2730865	112.598	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	276582	37.623	ng	#	81
3) Pyridine	3.210	79	641079	32.833	ng		95
4) n-Nitrosodimethylamine	3.134	42	378851	37.460	ng		93
6) Aniline	6.381	93	403841	15.939	ng	#	1
8) 2-Chlorophenol	6.504	128	757727	47.087	ng		97
9) Benzaldehyde	6.263	77	286875	28.192	ng		98
10) Phenol	6.381	94	809551	37.303	ng		89
11) bis(2-Chloroethyl)ether	6.451	93	777347	47.733	ng		98
12) 1,3-Dichlorobenzene	6.657	146	775683	45.338	ng		97
13) 1,4-Dichlorobenzene	6.734	146	779744	45.475	ng		98
14) 1,2-Dichlorobenzene	6.887	146	741213	46.888	ng		98
15) Benzyl Alcohol	6.869	79	634285	46.677	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1097238	38.791	ng		78
17) 2-Methylphenol	6.987	107	603061	40.927	ng		94
18) Hexachloroethane	7.228	117	270220	45.328	ng		97
19) n-Nitroso-di-n-propyla...	7.140	70	488396	39.879	ng		95
20) 3+4-Methylphenols	7.140	107	743057	42.820	ng	#	73
22) Acetophenone	7.128	105	1039414	45.911	ng	#	92
24) Nitrobenzene	7.304	77	760722	41.461	ng		99
25) Isophorone	7.545	82	1452659	42.255	ng		99
26) 2-Nitrophenol	7.622	139	430549	48.651	ng		89
27) 2,4-Dimethylphenol	7.669	122	692742	45.650	ng		97
28) bis(2-Chloroethoxy)met...	7.757	93	896305	44.071	ng		99
29) 2,4-Dichlorophenol	7.869	162	644548	46.657	ng		97
30) 1,2,4-Trichlorobenzene	7.945	180	650470	45.450	ng		99
31) Naphthalene	8.022	128	2106560	43.110	ng		99
32) Benzoic acid	7.798	122	227336	24.253	ng		94
33) 4-Chloroaniline	8.075	127	290199	14.699	ng		98
34) Hexachlorobutadiene	8.139	225	355264	44.788	ng		99
35) Caprolactam	8.451	113	206481m	44.493	ng		
36) 4-Chloro-3-methylphenol	8.575	107	693859	46.577	ng		97
37) 2-Methylnaphthalene	8.716	142	1419915	42.503	ng		98
38) 1-Methylnaphthalene	8.816	142	1323940	42.363	ng		100
40) 1,2,4,5-Tetrachloroben...	8.886	216	600459	43.651	ng		99
41) Hexachlorocyclopentadiene	8.869	237	604438	75.342	ng		99
43) 2,4,6-Trichlorophenol	8.998	196	430278	45.229	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	466726	42.421	ng		97
46) 1,1'-Biphenyl	9.181	154	1776608	43.792	ng		99
47) 2-Chloronaphthalene	9.204	162	1343973	45.261	ng		98
48) 2-Nitroaniline	9.304	65	426075	43.416	ng		98
49) Acenaphthylene	9.616	152	2050910	43.226	ng		99
50) Dimethylphthalate	9.486	163	1686847	47.285	ng		99
51) 2,6-Dinitrotoluene	9.545	165	385335	47.991	ng		95
52) Acenaphthene	9.792	154	1395947m	43.929	ng		
53) 3-Nitroaniline	9.716	138	286305	29.989	ng		96
54) 2,4-Dinitrophenol	9.828	184	210881	52.251	ng		92
55) Dibenzofuran	9.963	168	1830384	42.226	ng		99
56) 4-Nitrophenol	9.898	139	524244	70.898	ng		97
57) 2,4-Dinitrotoluene	9.951	165	474254	46.315	ng		98
58) Fluorene	10.304	166	1396590	43.976	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	383465	44.957	ng		98
60) Diethylphthalate	10.186	149	1574344	46.721	ng		99
61) 4-Chlorophenyl-phenyle...	10.298	204	684308	44.216	ng		98
62) 4-Nitroaniline	10.333	138	421798	48.070	ng		98
63) Azobenzene	10.457	77	1597395	44.750	ng		97
65) 4,6-Dinitro-2-methylph...	10.363	198	202019	36.587	ng		82
66) n-Nitrosodiphenylamine	10.422	169	1319051	44.639	ng		99
67) 4-Bromophenyl-phenylether	10.786	248	440182	44.553	ng		99
68) Hexachlorobenzene	10.857	284	478272	47.242	ng		95
69) Atrazine	10.951	200	459890	54.012	ng		98
70) Pentachlorophenol	11.051	266	429668	59.592	ng		98
71) Phenanthrene	11.263	178	2119404	43.287	ng		99
72) Anthracene	11.316	178	2213058	44.167	ng		99
73) Carbazole	11.475	167	1979995	44.378	ng		99
74) Di-n-butylphthalate	11.804	149	2452722	48.577	ng		100
75) Fluoranthene	12.451	202	2042934	41.575	ng		99
77) Benzidine	12.574	184	457253	64.644	ng	#	94
78) Pyrene	12.680	202	2040606	56.910	ng		99
80) Butylbenzylphthalate	13.298	149	841830	66.307	ng		96
81) Benzo(a)anthracene	13.868	228	1249984	43.456	ng		100
82) 3,3'-Dichlorobenzidine	13.827	252	273612	34.433	ng		99
83) Chrysene	13.904	228	1241324	43.166	ng		99
84) Bis(2-ethylhexyl)phtha...	13.863	149	940014	58.988	ng		99
85) Di-n-octyl phthalate	14.474	149	1578520	60.749	ng		96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1689144	57.875	ng		100
88) Benzo(b)fluoranthene	14.892	252	1475886	45.214	ng		99
89) Benzo(k)fluoranthene	14.921	252	1223135	37.800	ng		99
90) Benzo(a)pyrene	15.239	252	1252802	42.166	ng		98
91) Dibenzo(a,h)anthracene	16.704	278	1418438	58.270	ng		97
92) Benzo(g,h,i)perylene	17.104	276	1378485	57.360	ng		97

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

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