Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
Data File : BF130807.D
Acq On : 27 Oct 2022 19:45
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF102722

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

Quant Time: Oct 28 04:09:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 04:00:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	96314	20.000	ng		0.00
21) Naphthalene-d8	8.240	136	351066	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	198994	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	375307	20.000	ng		0.00
76) Chrysene-d12	14.139	240	234077	20.000	ng	#	0.00
86) Perylene-d12	15.657	264	175471	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	437011	78.660	ng		0.00
7) Phenol-d6	6.569	99	564647	78.210	ng		0.00
23) Nitrobenzene-d5	7.522	82	555259	95.371	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	150513	89.852	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1024824	77.862	ng		0.00
79) Terphenyl-d14	13.086	244	1072246	83.940	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	102947	41.330	ng		93
3) Pyridine	3.546	79	283885	40.690	ng		99
4) n-Nitrosodimethylamine	3.516	42	163841	41.832	ng		98
6) Aniline	6.622	93	357739	40.073	ng		99
8) 2-Chlorophenol	6.740	128	249753	40.355	ng		98
9) Benzaldehyde	6.510	77	175784	38.042	ng		97
10) Phenol	6.581	94	313218	40.316	ng		99
11) bis(2-Chloroethyl)ether	6.693	93	243963	40.282	ng		100
12) 1,3-Dichlorobenzene	6.898	146	281047	40.075	ng		99
13) 1,4-Dichlorobenzene	6.975	146	283206	39.784	ng		99
14) 1,2-Dichlorobenzene	7.128	146	263966	40.039	ng		98
15) Benzyl Alcohol	7.093	79	252201	41.082	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.228	45	437868	40.560	ng		100
17) 2-Methylphenol	7.193	107	214478	40.546	ng		99
18) Hexachloroethane	7.469	117	108680	42.243	ng		96
19) n-Nitroso-di-n-propyla...	7.369	70	197796	40.267	ng		99
20) 3+4-Methylphenols	7.351	107	279120	40.583	ng		97
22) Acetophenone	7.363	105	352381	41.399	ng	#	94
24) Nitrobenzene	7.540	77	285673	44.873	ng		99
25) Isophorone	7.775	82	500954	41.725	ng		96
26) 2-Nitrophenol	7.857	139	110557	44.382	ng		98
27) 2,4-Dimethylphenol	7.881	122	212437	42.516	ng		98
28) bis(2-Chloroethoxy)met...	7.987	93	277112	41.328	ng		99
29) 2,4-Dichlorophenol	8.087	162	219325	42.670	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	228510	41.343	ng		95
31) Naphthalene	8.263	128	757131	41.336	ng		99
32) Benzoic acid	7.981	122	157038m	44.827	ng		
33) 4-Chloroaniline	8.310	127	299592	41.393	ng		98
34) Hexachlorobutadiene	8.375	225	156631	42.689	ng		97
35) Caprolactam	8.681	113	70166	42.598	ng		98
36) 4-Chloro-3-methylphenol	8.781	107	237675	42.628	ng		97
37) 2-Methylnaphthalene	8.957	142	473905	41.133	ng		99
38) 1-Methylnaphthalene	9.057	142	467378	41.684	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	227957	40.396	ng		99
41) Hexachlorocyclopentadiene	9.104	237	126582	42.692	ng		97
43) 2,4,6-Trichlorophenol	9.228	196	164687	41.999	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	175239	41.829	ng		99
46) 1,1'-Biphenyl	9.422	154	567129	40.002	ng		99
47) 2-Chloronaphthalene	9.445	162	457855	40.275	ng		98
48) 2-Nitroaniline	9.539	65	156897	43.359	ng		98
49) Acenaphthylene	9.863	152	735075	40.918	ng		99
50) Dimethylphthalate	9.722	163	557852	40.814	ng		99
51) 2,6-Dinitrotoluene	9.781	165	112858	43.702	ng		99
52) Acenaphthene	10.039	154	456745	41.116	ng		98
53) 3-Nitroaniline	9.951	138	130196	48.905	ng		95
54) 2,4-Dinitrophenol	10.051	184	43774	45.063	ng		97
55) Dibenzofuran	10.210	168	651259	40.447	ng		98
56) 4-Nitrophenol	10.092	139	102454	48.604	ng		97
57) 2,4-Dinitrotoluene	10.186	165	143804	44.356	ng	#	98
58) Fluorene	10.551	166	511203	40.320	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	147955	42.836	ng		100
60) Diethylphthalate	10.422	149	571239	42.496	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	245335	40.449	ng		99
62) 4-Nitroaniline	10.569	138	126298	46.851	ng		99
63) Azobenzene	10.704	77	584883	41.682	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	66300	43.216	ng		92
66) n-Nitrosodiphenylamine	10.663	169	474087	40.498	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	155649	41.239	ng		99
68) Hexachlorobenzene	11.098	284	168954	40.629	ng		97
69) Atrazine	11.186	200	141995	42.001	ng		97
70) Pentachlorophenol	11.286	266	106125	44.723	ng		97
71) Phenanthrene	11.522	178	786633	40.609	ng		99
72) Anthracene	11.569	178	767691	40.181	ng		99
73) Carbazole	11.722	167	687867	40.202	ng		99
74) Di-n-butylphthalate	12.051	149	856362	41.211	ng		99
75) Fluoranthene	12.710	202	826662	40.166	ng		99
77) Benzidine	12.827	184	200517	35.289	ng		99
78) Pyrene	12.939	202	839412	42.505	ng		99
80) Butylbenzylphthalate	13.557	149	315621	44.422	ng		97
81) Benzo(a)anthracene	14.133	228	647461	41.720	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	168369	40.197	ng		95
83) Chrysene	14.169	228	595457	39.778	ng		99
84) Bis(2-ethylhexyl)phtha...	14.116	149	363683	42.572	ng		99
85) Di-n-octyl phthalate	14.739	149	506707	42.977	ng		100
87) Indeno(1,2,3-cd)pyrene	17.215	276	535600	45.964	ng		99
88) Benzo(b)fluoranthene	15.210	252	462084	40.737	ng		98
89) Benzo(k)fluoranthene	15.239	252	454610	41.130	ng		99
90) Benzo(a)pyrene	15.592	252	378587	41.519	ng		99
91) Dibenzo(a,h)anthracene	17.239	278	433294	45.614	ng		97
92) Benzo(g,h,i)perylene	17.686	276	453894	46.836	ng		97

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

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