Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013552.D
Acq On : 23 Jan 2023 16:01
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 03:07:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 03:01:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.163	152	378884	20.000	ng		0.00
21) Naphthalene-d8	10.999	136	1507887	20.000	ng		0.00
39) Acenaphthene-d10	14.804	164	922906	20.000	ng		0.00
64) Phenanthrene-d10	17.557	188	1967034	20.000	ng		0.00
76) Chrysene-d12	21.639	240	1733912	20.000	ng		0.00
86) Perylene-d12	24.233	264	1592515	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	3304546	149.435	ng		0.00
7) Phenol-d6	7.310	99	4599459	154.541	ng		0.00
23) Nitrobenzene-d5	9.346	82	3994953	174.903	ng		0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	13.434	172	9610226	142.934	ng		0.00
79) Terphenyl-d14	20.086	244	13044289	135.339	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	631575	70.847	ng		98
3) Pyridine	3.940	79	2011144m	76.223	ng		
4) n-Nitrosodimethylamine	3.852	42	862196	72.057	ng		97
6) Aniline	7.487	93	3071625	76.827	ng		99
8) 2-Chlorophenol	7.728	128	1900793	77.897	ng		98
10) Phenol	7.340	94	2374543	77.008	ng		99
11) bis(2-Chloroethyl)ether	7.581	93	1898988	75.317	ng		98
12) 1,3-Dichlorobenzene	8.052	146	1997549	74.025	ng		99
13) 1,4-Dichlorobenzene	8.199	146	2020288	73.836	ng		99
14) 1,2-Dichlorobenzene	8.528	146	1944529	73.394	ng		99
15) Benzyl Alcohol	8.405	79	1687874	79.377	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.699	45	2536717	73.379	ng		99
17) 2-Methylphenol	8.604	107	1737172	77.573	ng		99
18) Hexachloroethane	9.263	117	707119	77.317	ng		100
19) n-Nitroso-di-n-propyla...	8.987	70	1482470	77.335	ng		96
20) 3+4-Methylphenols	8.940	107	2363326	80.178	ng		99
22) Acetophenone	8.999	105	2922551	75.551	ng	#	98
24) Nitrobenzene	9.387	77	2077916	84.610	ng		97
25) Isophorone	9.922	82	4294878	79.275	ng		99
27) 2,4-Dimethylphenol	10.151	122	1882941	78.842	ng		100
28) bis(2-Chloroethoxy)met...	10.399	93	2572170	78.783	ng		99
29) 2,4-Dichlorophenol	10.640	162	1836764	85.383	ng		99
30) 1,2,4-Trichlorobenzene	10.857	180	1927786	78.526	ng		99
31) Naphthalene	11.051	128	6242906	77.011	ng		99
32) Benzoic acid	10.334	122	1184849	113.511	ng		98
33) 4-Chloroaniline	11.151	127	2874116	80.127	ng		99
34) Hexachlorobutadiene	11.334	225	1112644	77.881	ng		99
35) Caprolactam	11.963	113	661353m	95.175	ng		
36) 4-Chloro-3-methylphenol	12.263	107	2014885	86.004	ng		97
37) 2-Methylnaphthalene	12.645	142	4556380	79.074	ng		98
38) 1-Methylnaphthalene	12.863	142	4267198	78.812	ng		99
40) 1,2,4,5-Tetrachloroben...	13.004	216	2177491	76.635	ng		100
41) Hexachlorocyclopentadiene	12.987	237	1171233	87.565	ng		97
43) 2,4,6-Trichlorophenol	13.240	196	1456511	87.585	ng		99
44) 2,4,5-Trichlorophenol	13.310	196	1717485	87.401	ng		98
46) 1,1'-Biphenyl	13.645	154	5547165	74.841	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.687	162	4195583	75.558	ng		99
48) 2-Nitroaniline	13.887	65	1225426	110.297	ng		89
49) Acenaphthylene	14.528	152	7023561	77.344	ng		98
50) Dimethylphthalate	14.263	163	5557745	81.012	ng		100
51) 2,6-Dinitrotoluene	14.375	165	1162764	104.970	ng		92
52) Acenaphthene	14.869	154	4446596	79.270	ng		100
53) 3-Nitroaniline	14.710	138	1352760	106.514	ng	#	92
55) Dibenzofuran	15.204	168	6633211	77.116	ng		99
58) Fluorene	15.851	166	5243932	76.702	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.422	232	1390673	92.166	ng		97
60) Diethylphthalate	15.622	149	5594855	83.499	ng		99
61) 4-Chlorophenyl-phenyle...	15.839	204	2637118	78.446	ng		97
63) Azobenzene	16.139	77	5068227	77.842	ng		95
65) 4,6-Dinitro-2-methylph...	15.928	198	704391	123.907	ng		89
66) n-Nitrosodiphenylamine	16.057	169	4755224	74.130	ng		99
67) 4-Bromophenyl-phenylether	16.739	248	1702428	78.133	ng		98
68) Hexachlorobenzene	16.857	284	1846450	78.454	ng		98
69) Atrazine	17.010	200	1483580	80.832	ng		98
70) Pentachlorophenol	17.198	266	1284864	93.737	ng		98
71) Phenanthrene	17.604	178	8283768	75.690	ng		99
72) Anthracene	17.692	178	8460641	76.168	ng		98
73) Carbazole	17.957	167	7886049	79.000	ng		99
74) Di-n-butylphthalate	18.492	149	9471020	85.247	ng		99
75) Fluoranthene	19.551	202	9632193	82.762	ng		100
77) Benzidine	19.716	184	3381682	77.546	ng		99
78) Pyrene	19.904	202	9836233	74.191	ng		99
81) Benzo(a)anthracene	21.621	228	9396042	77.785	ng		98
82) 3,3'-Dichlorobenzidine	21.545	252	3235052	83.120	ng		99
83) Chrysene	21.680	228	8843193	76.541	ng		98
84) Bis(2-ethylhexyl)phtha...	21.527	149	6110528	90.450	ng		99
85) Di-n-octyl phthalate	22.527	149	10207016	93.714	ng		96
87) Indeno(1,2,3-cd)pyrene	26.992	276	8432334	71.886	ng		100
88) Benzo(b)fluoranthene	23.439	252	8175152	83.448	ng		99
89) Benzo(k)fluoranthene	23.492	252	8371090	83.776	ng		98
90) Benzo(a)pyrene	24.121	252	7672732	80.737	ng		99
91) Dibenzo(a,h)anthracene	27.009	278	7123652	72.402	ng		99
92) Benzo(g,h,i)perylene	27.839	276	6728252	57.359	ng		99

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

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