Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
Data File : BF131905.D
Acq On : 04 Jan 2023 18:34
Operator : CG\JU
Sample : N6239-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1SMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

Quant Time: Jan 05 05:44:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 02:06:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	72226	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	262679	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	141230	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	226519	20.000	ng		0.00
76) Chrysene-d12	14.016	240	152071	20.000	ng		0.00
86) Perylene-d12	15.492	264	174148	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	526013	120.693	ng		0.02
7) Phenol-d6	6.457	99	630685	110.145	ng		0.00
23) Nitrobenzene-d5	7.387	82	515077	78.289	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	172459	112.390	ng		0.00
45) 2-Fluorobiphenyl	9.187	172	862476	83.648	ng		0.00
79) Terphenyl-d14	12.951	244	676672	75.268	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	83353	41.243	ng	#	83
3) Pyridine	3.434	79	189141	33.289	ng		97
4) n-Nitrosodimethylamine	3.369	42	111962	41.909	ng		97
6) Aniline	6.481	93	107711	15.511	ng	#	82
8) 2-Chlorophenol	6.604	128	195511	42.579	ng		96
9) Benzaldehyde	6.369	77	110718	30.135	ng		97
10) Phenol	6.469	94	236751	34.720	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	215574	44.210	ng		99
12) 1,3-Dichlorobenzene	6.757	146	218701	41.679	ng		99
13) 1,4-Dichlorobenzene	6.834	146	222175	42.014	ng		97
14) 1,2-Dichlorobenzene	6.987	146	212393	42.744	ng		99
15) Benzyl Alcohol	6.963	79	219326	43.680	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.093	45	275702	44.306	ng		88
17) 2-Methylphenol	7.081	107	172089	40.996	ng		97
18) Hexachloroethane	7.328	117	88564	41.475	ng		92
19) n-Nitroso-di-n-propyla...	7.234	70	172303	42.608	ng		99
20) 3+4-Methylphenols	7.234	107	215845	39.409	ng		92
22) Acetophenone	7.234	105	329619	42.802	ng		97
24) Nitrobenzene	7.410	77	268442	40.713	ng		96
25) Isophorone	7.645	82	462865	43.080	ng		100
26) 2-Nitrophenol	7.722	139	108003	42.129	ng		97
27) 2,4-Dimethylphenol	7.763	122	171062	46.779	ng		96
28) bis(2-Chloroethoxy)met...	7.857	93	263401	45.696	ng		99
29) 2,4-Dichlorophenol	7.969	162	176106	39.973	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	208769	39.967	ng		99
31) Naphthalene	8.128	128	583084	40.532	ng		99
32) Benzoic acid	7.898	122	94561	35.379	ng		93
33) 4-Chloroaniline	8.181	127	48073	8.709	ng		98
34) Hexachlorobutadiene	8.240	225	139869	39.138	ng		99
35) Caprolactam	8.557	113	41042m	31.464	ng		
36) 4-Chloro-3-methylphenol	8.675	107	194894	39.141	ng		96
37) 2-Methylnaphthalene	8.822	142	382778	39.646	ng		98
38) 1-Methylnaphthalene	8.922	142	352613	37.599	ng		99
40) 1,2,4,5-Tetrachloroben...	8.987	216	217126	43.785	ng		99
41) Hexachlorocyclopentadiene	8.969	237	136413	62.840	ng		99
43) 2,4,6-Trichlorophenol	9.104	196	131562	41.423	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	137887	40.163	ng		92
46) 1,1'-Biphenyl	9.287	154	473627	43.803	ng		99
47) 2-Chloronaphthalene	9.316	162	377385	42.188	ng		99
48) 2-Nitroaniline	9.416	65	127928	39.016	ng		98
49) Acenaphthylene	9.734	152	544487	40.878	ng		99
50) Dimethylphthalate	9.592	163	445499	41.696	ng		99
51) 2,6-Dinitrotoluene	9.657	165	94414	40.820	ng		97
52) Acenaphthene	9.904	154	322095	40.067	ng		100
53) 3-Nitroaniline	9.828	138	39114	16.597	ng		99
54) 2,4-Dinitrophenol	9.939	184	67985	51.077	ng		96
55) Dibenzofuran	10.075	168	495009	39.967	ng		98
56) 4-Nitrophenol	10.004	139	105263	63.760	ng		97
57) 2,4-Dinitrotoluene	10.063	165	119982	37.931	ng		91
58) Fluorene	10.422	166	382809	37.860	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	100770m	35.767	ng		
60) Diethylphthalate	10.292	149	411759	40.041	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	214168	40.745	ng		99
62) 4-Nitroaniline	10.445	138	75134	30.590	ng		98
63) Azobenzene	10.575	77	436955	38.287	ng		99
65) 4,6-Dinitro-2-methylph...	10.475	198	48050	31.155	ng		94
66) n-Nitrosodiphenylamine	10.533	169	324844	47.012	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	120815	46.018	ng		99
68) Hexachlorobenzene	10.963	284	125105	43.379	ng		98
69) Atrazine	11.063	200	114259	50.228	ng		97
70) Pentachlorophenol	11.169	266	118999	83.386	ng		98
71) Phenanthrene	11.386	178	489537	39.300	ng		99
72) Anthracene	11.439	178	492315	40.401	ng		99
73) Carbazole	11.598	167	417737	38.832	ng		98
74) Di-n-butylphthalate	11.922	149	543511	41.800	ng		100
75) Fluoranthene	12.580	202	463266	31.929	ng		98
77) Benzidine	12.704	184	72859	29.154	ng		99
78) Pyrene	12.810	202	462762	36.306	ng		100
80) Butylbenzylphthalate	13.427	149	181252	38.339	ng		93
81) Benzo(a)anthracene	14.004	228	448850	40.767	ng		99
82) 3,3'-Dichlorobenzidine	13.969	252	96467	30.313	ng		96
83) Chrysene	14.039	228	420991	40.690	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	257052	44.656	ng	#	95
85) Di-n-octyl phthalate	14.604	149	460255	59.395	ng		100
87) Indeno(1,2,3-cd)pyrene	16.986	276	479311	43.323	ng		99
88) Benzo(b)fluoranthene	15.063	252	474143	37.132	ng		99
89) Benzo(k)fluoranthene	15.092	252	460100	37.292	ng		98
90) Benzo(a)pyrene	15.433	252	411957	41.671	ng		99
91) Dibenzo(a,h)anthracene	16.998	278	410211	45.265	ng		100
92) Benzo(g,h,i)perylene	17.427	276	359389	35.110	ng		98

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

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