Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
Data File : BF122827.D
Acq On : 22 Dec 2020 23:05
Operator : JU/CG
Sample : L5193-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-021-001-SOMSD

Manual Integrations APPROVED
mohammad
12/23/2020 3:28:36 PM

Quant Time: Dec 23 00:49:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	170082	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	664541	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	366326	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	679510	20.00	ng		0.00
76) Chrysene-d12	13.998	240	525467	20.00	ng		0.01
86) Perylene-d12	15.451	264	477802	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1017374	94.70	ng		0.02
7) Phenol-d6	6.463	99	1443897	101.34	ng		0.00
23) Nitrobenzene-d5	7.392	82	1075150	81.06	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	419406	87.47	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	2014408	74.38	ng		0.00
79) Terphenyl-d14	12.939	244	2208357	73.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	195443	38.70	ng		97
3) Pyridine	3.398	79	558078	41.81	ng		97
4) n-Nitrosodimethylamine	3.363	42	241133	45.05	ng		100
6) Aniline	6.486	93	526914	31.42	ng		95
8) 2-Chlorophenol	6.610	128	588436	49.69	ng		97
9) Benzaldehyde	6.369	77	168785	19.57	ng		99
10) Phenol	6.475	94	669923	45.38	ng		96
11) bis(2-Chloroethyl)ether	6.557	93	547966	48.58	ng		99
12) 1,3-Dichlorobenzene	6.763	146	622630	44.44	ng		99
13) 1,4-Dichlorobenzene	6.839	146	626416	44.34	ng		99
14) 1,2-Dichlorobenzene	6.992	146	603448	44.25	ng		99
15) Benzyl Alcohol	6.969	79	484429	49.38	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	671360	41.74	ng		93
17) 2-Methylphenol	7.086	107	473258	50.28	ng		95
18) Hexachloroethane	7.333	117	227434	45.17	ng		97
19) n-Nitroso-di-n-propyla...	7.245	70	375521	46.01	ng		99
20) 3+4-Methylphenols	7.239	107	543245	45.68	ng		96
22) Acetophenone	7.233	105	729476	44.15	ng	#	96
24) Nitrobenzene	7.410	77	590520	44.75	ng		99
25) Isophorone	7.651	82	1100803	48.19	ng		99
26) 2-Nitrophenol	7.722	139	323445	50.26	ng		97
27) 2,4-Dimethylphenol	7.763	122	512263	54.31	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	699218	44.69	ng		99
29) 2,4-Dichlorophenol	7.969	162	508813	46.19	ng		97
30) 1,2,4-Trichlorobenzene	8.051	180	544814	43.65	ng		98
31) Naphthalene	8.128	128	1638288	44.68	ng		99
32) Benzoic acid	7.922	122	336621	44.79	ng		97
33) 4-Chloroaniline	8.175	127	293342	19.14	ng		99
34) Hexachlorobutadiene	8.245	225	322135	41.94	ng		99
35) Caprolactam	8.569	113	163457m	49.27	ng		
36) 4-Chloro-3-methylphenol	8.675	107	542224	49.97	ng		99
37) 2-Methylnaphthalene	8.822	142	1123811	46.33	ng		98
38) 1-Methylnaphthalene	8.922	142	1034348	45.08	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	525662	43.32	ng		100
41) Hexachlorocyclopentadiene	8.975	237	493836	92.05	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	366089	43.69	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	399075	46.07	ng		97
46) 1,1'-Biphenyl	9.286	154	1346541	44.29	ng		99
47) 2-Chloronaphthalene	9.310	162	1073377	42.61	ng		100
48) 2-Nitroaniline	9.410	65	317039	43.17	ng		97
49) Acenaphthylene	9.727	152	1648170	44.30	ng		100
50) Dimethylphthalate	9.592	163	1387877	47.44	ng		100
51) 2,6-Dinitrotoluene	9.657	165	304831	49.33	ng		93
52) Acenaphthene	9.898	154	976937	40.59	ng		99
53) 3-Nitroaniline	9.822	138	165710	23.21	ng		99
54) 2,4-Dinitrophenol	9.939	184	257586	85.27	ng	#	90
55) Dibenzofuran	10.074	168	1486902	43.91	ng		98
56) 4-Nitrophenol	9.998	139	438236	86.08	ng		89
57) 2,4-Dinitrotoluene	10.063	165	382850	46.52	ng		99
58) Fluorene	10.416	166	1150028	42.70	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	350753	46.09	ng		99
60) Diethylphthalate	10.286	149	1302303	45.77	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	564281	42.55	ng		98
62) 4-Nitroaniline	10.445	138	303147	41.83	ng		96
63) Azobenzene	10.563	77	1180717	45.14	ng		99
65) 4,6-Dinitro-2-methylph...	10.474	198	207842	50.16	ng		94
66) n-Nitrosodiphenylamine	10.527	169	1088496	45.34	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	404684	43.95	ng		95
68) Hexachlorobenzene	10.963	284	446220	43.84	ng		99
69) Atrazine	11.057	200	335942	43.08	ng		99
70) Pentachlorophenol	11.163	266	454635	84.30	ng		99
71) Phenanthrene	11.380	178	1759969	43.58	ng		99
72) Anthracene	11.427	178	1825194	45.58	ng		100
73) Carbazole	11.586	167	1640998	45.19	ng		100
74) Di-n-butylphthalate	11.910	149	1991293	43.64	ng		100
75) Fluoranthene	12.568	202	1860760	43.94	ng		99
77) Benzidine	12.686	184	601008	52.88	ng		99
78) Pyrene	12.798	202	1831679	45.09	ng		100
80) Butylbenzylphthalate	13.410	149	868639	47.47	ng		99
81) Benzo(a)anthracene	13.986	228	1623768	46.24	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	427760	34.01	ng		98
83) Chrysene	14.027	228	1585217	45.36	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	1144219	45.66	ng		100
85) Di-n-octyl phthalate	14.580	149	1903014	45.78	ng		98
87) Indeno(1,2,3-cd)pyrene	16.915	276	1464179	46.68	ng		100
88) Benzo(b)fluoranthene	15.033	252	1632009	48.68	ng		100
89) Benzo(k)fluoranthene	15.062	252	1480274	48.29	ng		99
90) Benzo(a)pyrene	15.398	252	1377177	46.96	ng		100
91) Dibenzo(a,h)anthracene	16.927	278	1215585	47.36	ng		99
92) Benzo(g,h,i)perylene	17.350	276	1210360	48.72	ng		100

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

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