Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121129.D
Acq On : 30 Jul 2020 15:38
Operator : JU/CG
Sample : L3183-22MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-072820MSD

Manual Integrations APPROVED

Quant Time: Jul 30 16:30:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

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7/31/2020 12:11:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143752	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	563220	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	296238	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	581291	20.00	ng		0.00
76) Chrysene-d12	13.97	240	472791	20.00	ng		0.01
86) Perylene-d12	15.42	264	517486	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1020499	116.38	ng		0.02
7) Phenol-d6	6.45	99	1170943	103.38	ng		0.00
23) Nitrobenzene-d5	7.37	82	904559	92.93	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	440411	135.82	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1566156	78.93	ng		0.00
79) Terphenyl-d14	12.92	244	1706525	78.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	167733	41.563	ng	#	85
3) Pyridine	3.39	79	341307	31.792	ng		99
4) n-Nitrosodimethylamine	3.30	42	196870	42.885	ng		99
6) Aniline	6.46	93	296642	20.063	ng	#	57
8) 2-Chlorophenol	6.59	128	455446	47.148	ng		100
9) Benzaldehyde	6.35	77	210440	37.782	ng		97
10) Phenol	6.46	94	439938	35.308	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	457795	47.940	ng		98
12) 1,3-Dichlorobenzene	6.74	146	450597	43.017	ng		99
13) 1,4-Dichlorobenzene	6.82	146	456768	43.853	ng		100
14) 1,2-Dichlorobenzene	6.97	146	433685	44.012	ng		99
15) Benzyl Alcohol	6.95	79	370681	46.275	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	582123	42.294	ng		91
17) 2-Methylphenol	7.06	107	350719	40.963	ng		98
18) Hexachloroethane	7.31	117	168894	44.801	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	282999	43.937	ng		98
20) 3+4-Methylphenols	7.22	107	395869	36.346	ng		98
22) Acetophenone	7.21	105	584247	46.221	ng		96
24) Nitrobenzene	7.39	77	475357	45.311	ng		97
25) Isophorone	7.62	82	873028	44.941	ng		97
26) 2-Nitrophenol	7.70	139	250217	50.219	ng		99
27) 2,4-Dimethylphenol	7.74	122	389333	48.127	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	551141	46.478	ng		100
29) 2,4-Dichlorophenol	7.95	162	373165	45.142	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	399444	43.554	ng		100
31) Naphthalene	8.10	128	1255085	43.443	ng		100
32) Benzoic acid	7.86	122	93461	15.391	ng		97
33) 4-Chloroaniline	8.15	127	227175	17.627	ng		98
34) Hexachlorobutadiene	8.22	225	227333	42.048	ng		99
35) Caprolactam	8.54	113	97602m	36.818	ng		
36) 4-Chloro-3-methylphenol	8.65	107	398535	47.008	ng		99
37) 2-Methylnaphthalene	8.80	142	869919	46.374	ng		99
38) 1-Methylnaphthalene	8.90	142	813061	45.764	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	393357	45.574	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	386062	80.931	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	278594	45.843	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	293100	42.519	ng		98
46) 1,1'-Biphenyl	9.26	154	1030151	45.588	ng		99
47) 2-Chloronaphthalene	9.29	162	800404	43.445	ng		99
48) 2-Nitroaniline	9.39	65	253754	45.576	ng		94
49) Acenaphthylene	9.70	152	1294820	45.240	ng		99
50) Dimethylphthalate	9.57	163	1018557	47.659	ng		100
51) 2,6-Dinitrotoluene	9.63	165	224500	48.895	ng		99
52) Acenaphthene	9.87	154	805668m	44.276	ng		
53) 3-Nitroaniline	9.79	138	146646	25.466	ng		96
54) 2,4-Dinitrophenol	9.90	184	92154	38.724	ng		92
55) Dibenzofuran	10.05	168	1136683	43.197	ng		99
56) 4-Nitrophenol	9.97	139	316323	72.313	ng		98
57) 2,4-Dinitrotoluene	10.03	165	291111	48.280	ng	#	88
58) Fluorene	10.39	166	840643	42.834	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	253362	48.273	ng		99
60) Diethylphthalate	10.27	149	992754	45.925	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	420072	40.130	ng		98
62) 4-Nitroaniline	10.42	138	229676	40.945	ng		97
63) Azobenzene	10.54	77	919588	44.684	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	103931	32.262	ng		96
66) n-Nitrosodiphenylamine	10.50	169	829020	45.336	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	289265	44.633	ng		99
68) Hexachlorobenzene	10.94	284	323201	46.101	ng		96
69) Atrazine	11.03	200	219543	48.478	ng		98
70) Pentachlorophenol	11.14	266	325765	81.111	ng		98
71) Phenanthrene	11.35	178	1323037	44.255	ng		100
72) Anthracene	11.40	178	1349104	44.940	ng		100
73) Carbazole	11.56	167	1297354	43.547	ng		99
74) Di-n-butylphthalate	11.89	149	1581790	46.009	ng		100
75) Fluoranthene	12.54	202	1494472	45.099	ng		98
77) Benzidine	12.66	184	573143	46.108	ng		100
78) Pyrene	12.77	202	1526436	45.665	ng		100
80) Butylbenzylphthalate	13.39	149	711150	47.725	ng		95
81) Benzo(a)anthracene	13.96	228	1312838	45.856	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	238667	22.096	ng		99
83) Chrysene	14.00	228	1318018	43.807	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	907599	49.394	ng		100
85) Di-n-octyl phthalate	14.56	149	1702581	46.574	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1520999	42.263	ng		99
88) Benzo(b)fluoranthene	15.00	252	1458811	46.637	ng		99
89) Benzo(k)fluoranthene	15.03	252	1302800	45.668	ng		99
90) Benzo(a)pyrene	15.36	252	1277309	44.757	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	1249699	42.510	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1277868	44.085	ng		100

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

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