Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
Data File : BF122431.D
Acq On : 21 Nov 2020 20:43
Operator : JU/CG
Sample : L4839-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B3-9-10MS

Manual Integrations APPROVED
mohammad
11/24/2020 9:02:22 AM

Quant Time: Nov 23 01:01:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	212856	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	823282	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	445905	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	841984	20.00	ng	0.00
76) Chrysene-d12	14.045	240	722629	20.00	ng	0.00
86) Perylene-d12	15.521	264	675394	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1025647	73.99	ng	0.00
7) Phenol-d6	6.498	99	1311298	72.31	ng	-0.01
23) Nitrobenzene-d5	7.428	82	808586	60.13	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	418955	87.54	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1546646	54.19	ng	0.00
79) Terphenyl-d14	12.986	244	1735887	50.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	236138	37.14	ng	88
3) Pyridine	3.428	79	651521	37.26	ng	89
4) n-Nitrosodimethylamine	3.381	42	295463	35.85	ng	91
6) Aniline	6.522	93	625316	26.28	ng	97
8) 2-Chlorophenol	6.651	128	636467	44.27	ng	90
9) Benzaldehyde	6.410	77	89572	6.31	ng	96
10) Phenol	6.516	94	830237	46.49	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	591048	41.64	ng	93
12) 1,3-Dichlorobenzene	6.804	146	689837	42.27	ng	98
13) 1,4-Dichlorobenzene	6.881	146	693365	42.29	ng	98
14) 1,2-Dichlorobenzene	7.034	146	672682	43.96	ng	99
15) Benzyl Alcohol	7.004	79	544664	42.24	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	789122	38.14	ng	96
17) 2-Methylphenol	7.122	107	511918	42.66	ng	99
18) Hexachloroethane	7.381	117	244867	42.89	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	418670	38.63	ng	93
20) 3+4-Methylphenols	7.275	107	604452	40.94	ng	98
22) Acetophenone	7.275	105	808631	37.71	ng	93
24) Nitrobenzene	7.445	77	658915	42.82	ng	97
25) Isophorone	7.687	82	1158487	38.64	ng	98
26) 2-Nitrophenol	7.763	139	330847	49.31	ng	99
27) 2,4-Dimethylphenol	7.804	122	559234	39.55	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	739754	40.34	ng	99
29) 2,4-Dichlorophenol	8.010	162	546912	43.68	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	581340	42.07	ng	96
31) Naphthalene	8.175	128	1799539	41.11	ng	99
32) Benzoic acid	7.910	122	190448	28.25	ng	96
33) 4-Chloroaniline	8.222	127	390745	20.50	ng	95
34) Hexachlorobutadiene	8.292	225	344062	43.32	ng	99
35) Caprolactam	8.592	113	162568m	40.97	ng	
36) 4-Chloro-3-methylphenol	8.710	107	566053	43.35	ng	92
37) 2-Methylnaphthalene	8.869	142	1215795	42.04	ng	98
38) 1-Methylnaphthalene	8.969	142	1131571	41.80	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	565763	41.18	ng	100
41) Hexachlorocyclopentadiene	9.022	237	617897	76.91	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	399914	44.82	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	430449	46.01	ng		99
46) 1,1'-Biphenyl	9.333	154	1460761	41.16	ng		98
47) 2-Chloronaphthalene	9.357	162	1173812	41.67	ng		98
48) 2-Nitroaniline	9.451	65	357957	43.23	ng		92
49) Acenaphthylene	9.775	152	1816486	41.95	ng		99
50) Dimethylphthalate	9.633	163	1461085	46.10	ng		99
51) 2,6-Dinitrotoluene	9.692	165	317714	45.28	ng		87
52) Acenaphthene	9.945	154	1185957	44.25	ng		99
53) 3-Nitroaniline	9.863	138	233563	30.48	ng		90
54) 2,4-Dinitrophenol	9.963	184	194389	71.26	ng		89
55) Dibenzofuran	10.116	168	1643304	41.85	ng		100
56) 4-Nitrophenol	10.028	139	538959	78.10	ng		94
57) 2,4-Dinitrotoluene	10.098	165	427918	48.13	ng	#	81
58) Fluorene	10.463	166	1253046	41.68	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	356568	45.83	ng		97
60) Diethylphthalate	10.333	149	1316378	42.34	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	602987	42.48	ng		96
62) 4-Nitroaniline	10.480	138	329912	42.40	ng		98
63) Azobenzene	10.610	77	1277587	39.17	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	167535	47.05	ng		90
66) n-Nitrosodiphenylamine	10.569	169	1153717	40.22	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	422179	42.67	ng		95
68) Hexachlorobenzene	11.010	284	461730	43.19	ng		96
69) Atrazine	11.098	200	316567	44.31	ng		99
70) Pentachlorophenol	11.204	266	475469	77.20	ng		99
71) Phenanthrene	11.427	178	1947952	40.78	ng		100
72) Anthracene	11.475	178	2016300	40.95	ng		99
73) Carbazole	11.627	167	1831881	40.90	ng		100
74) Di-n-butylphthalate	11.963	149	2025426	42.42	ng		99
75) Fluoranthene	12.616	202	2094445	42.00	ng		98
77) Benzidine	12.739	184	829686	41.40	ng		99
78) Pyrene	12.845	202	2127843	41.91	ng		100
80) Butylbenzylphthalate	13.463	149	886351	43.84	ng		100
81) Benzo(a)anthracene	14.033	228	1850834	41.18	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	588381	35.13	ng		98
83) Chrysene	14.074	228	1915053	42.31	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1113693	45.50	ng		97
85) Di-n-octyl phthalate	14.645	149	1950772	47.02	ng		96
87) Indeno(1,2,3-cd)pyrene	17.004	276	1720869	42.46	ng		99
88) Benzo(b)fluoranthene	15.092	252	2017808	46.13	ng		100
89) Benzo(k)fluoranthene	15.127	252	1678744	39.36	ng		99
90) Benzo(a)pyrene	15.463	252	1616104	42.38	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	1418497	41.79	ng		99
92) Benzo(g,h,i)perylene	17.451	276	1432336	43.39	ng		99

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

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