Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031721\
Data File : BF123376.D
Acq On : 17 Mar 2021 20:06
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF031721

Quant Time: Mar 18 02:55:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 02:38:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	211110	20.00	ng		0.00
21) Naphthalene-d8	8.081	136	840388	20.00	ng		0.00
39) Acenaphthene-d10	9.833	164	414977	20.00	ng		0.00
64) Phenanthrene-d10	11.321	188	671283	20.00	ng	#	0.00
76) Chrysene-d12	13.968	240	424267	20.00	ng	#	0.00
86) Perylene-d12	15.415	264	335614	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1101296	74.08	ng		0.00
7) Phenol-d6	6.439	99	1363910	70.63	ng		0.00
23) Nitrobenzene-d5	7.363	82	1128451	78.87	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	222663	76.77	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1663039	83.02	ng		0.00
79) Terphenyl-d14	12.910	244	1446944	66.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	273953	39.63	ng		86
3) Pyridine	3.204	79	739485	40.64	ng	#	86
4) n-Nitrosodimethylamine	3.157	42	321087	39.75	ng		97
6) Aniline	6.457	93	806687	35.46	ng	#	48
8) 2-Chlorophenol	6.586	128	598602	37.31	ng		99
9) Benzaldehyde	6.345	77	347132	40.86	ng		93
10) Phenol	6.457	94	727275	41.11	ng		75
11) bis(2-Chloroethyl)ether	6.534	93	606423	39.48	ng		97
12) 1,3-Dichlorobenzene	6.734	146	614680	38.60	ng		99
13) 1,4-Dichlorobenzene	6.810	146	612849	36.87	ng		97
14) 1,2-Dichlorobenzene	6.963	146	564089	34.94	ng		98
15) Benzyl Alcohol	6.939	79	440544	35.62	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.075	45	998468	39.38	ng		94
17) 2-Methylphenol	7.057	107	475973	37.48	ng		97
18) Hexachloroethane	7.304	117	226075	39.20	ng	#	87
19) n-Nitroso-di-n-propyla...	7.210	70	368170	34.73	ng	#	81
20) 3+4-Methylphenols	7.216	107	542311	41.23	ng	#	71
22) Acetophenone	7.204	105	698172	34.74	ng	#	94
24) Nitrobenzene	7.381	77	628091	39.64	ng		96
25) Isophorone	7.622	82	1172995	39.50	ng		97
26) 2-Nitrophenol	7.698	139	349502	40.78	ng	#	84
27) 2,4-Dimethylphenol	7.739	122	488677	39.43	ng		92
28) bis(2-Chloroethoxy)met...	7.828	93	681060	39.52	ng		100
29) 2,4-Dichlorophenol	7.945	162	478615	39.60	ng		98
30) 1,2,4-Trichlorobenzene	8.022	180	449036	38.22	ng		100
31) Naphthalene	8.098	128	1604968	36.46	ng		99
32) Benzoic acid	7.881	122	414227	45.24	ng		92
33) 4-Chloroaniline	8.151	127	721287	39.81	ng		98
34) Hexachlorobutadiene	8.216	225	218047	37.90	ng		98
35) Caprolactam	8.533	113	174033	41.58	ng	#	82
36) 4-Chloro-3-methylphenol	8.639	107	507883	40.03	ng		98
37) 2-Methylnaphthalene	8.792	142	1059912	36.49	ng		99
38) 1-Methylnaphthalene	8.892	142	1006217	36.85	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	359902	36.91	ng		97
41) Hexachlorocyclopentadiene	8.945	237	135263	40.44	ng		97
43) 2,4,6-Trichlorophenol	9.075	196	295842	37.94	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	325468	38.59	ng		94
46) 1,1'-Biphenyl	9.257	154	1140741	33.71	ng		98
47) 2-Chloronaphthalene	9.280	162	958538	35.72	ng		98
48) 2-Nitroaniline	9.380	65	343301	39.08	ng		91
49) Acenaphthylene	9.698	152	1477395	35.70	ng		100
50) Dimethylphthalate	9.563	163	1101931	37.57	ng		99
51) 2,6-Dinitrotoluene	9.622	165	272906	39.08	ng	#	91
52) Acenaphthene	9.869	154	862903	35.48	ng		99
53) 3-Nitroaniline	9.792	138	347576	39.67	ng		96
54) 2,4-Dinitrophenol	9.904	184	152926	43.76	ng		91
55) Dibenzofuran	10.039	168	1291372	39.56	ng		100
56) 4-Nitrophenol	9.969	139	254224	43.51	ng		88
57) 2,4-Dinitrotoluene	10.027	165	349075	39.20	ng	#	98
58) Fluorene	10.386	166	949364	39.11	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	234655	39.39	ng	#	82
60) Diethylphthalate	10.257	149	1054712	36.32	ng		97
61) 4-Chlorophenyl-phenyle...	10.374	204	382051	38.20	ng		92
62) 4-Nitroaniline	10.410	138	352460	40.52	ng	#	81
63) Azobenzene	10.539	77	1127157	36.28	ng		95
65) 4,6-Dinitro-2-methylph...	10.439	198	204290	43.25	ng		78
66) n-Nitrosodiphenylamine	10.498	169	890685	37.10	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	240005	37.55	ng		99
68) Hexachlorobenzene	10.933	284	245650	37.03	ng	#	85
69) Atrazine	11.027	200	247818	38.70	ng		95
70) Pentachlorophenol	11.133	266	149904	41.66	ng		96
71) Phenanthrene	11.351	178	1381181	33.71	ng		100
72) Anthracene	11.398	178	1385116	33.61	ng		100
73) Carbazole	11.557	167	1469569	35.02	ng		99
74) Di-n-butylphthalate	11.886	149	1620133	33.99	ng		99
75) Fluoranthene	12.539	202	1357268	39.82	ng		97
77) Benzidine	12.663	184	578836	37.56	ng		99
78) Pyrene	12.768	202	1401911	36.02	ng		99
80) Butylbenzylphthalate	13.386	149	698445	38.05	ng		96
81) Benzo(a)anthracene	13.962	228	1025907	36.68	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	357835	37.46	ng	#	96
83) Chrysene	13.998	228	1089728	37.73	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	822594	37.20	ng	#	99
85) Di-n-octyl phthalate	14.562	149	1495777	39.78	ng		96
87) Indeno(1,2,3-cd)pyrene	16.845	276	758344	33.72	ng	#	85
88) Benzo(b)fluoranthene	14.998	252	985056	40.84	ng	#	94
89) Benzo(k)fluoranthene	15.027	252	802881	37.16	ng	#	96
90) Benzo(a)pyrene	15.357	252	802999	37.75	ng	#	95
91) Dibenzo(a,h)anthracene	16.862	278	636908	34.29	ng	#	90
92) Benzo(g,h,i)perylene	17.280	276	667259	33.79	ng	#	85

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

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