Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
Data File : BF122721.D
Acq On : 15 Dec 2020 18:09
Operator : JU/CG
Sample : L5022-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6MSD

Manual Integrations APPROVED
mohammad
12/17/2020 9:53:32 AM

Quant Time: Dec 16 01:54:28 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	130930	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	467553	20.00	ng		0.00
39) Acenaphthene-d10	9.857	164	216230	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	353095	20.00	ng		0.00
76) Chrysene-d12	13.980	240	306479	20.00	ng		0.00
86) Perylene-d12	15.433	264	354988	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	957996	115.84	ng		0.02
7) Phenol-d6	6.457	99	1061163	96.75	ng		0.00
23) Nitrobenzene-d5	7.386	82	777607	83.33	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	337934	119.40	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1362955	85.26	ng		0.00
79) Terphenyl-d14	12.927	244	1301318	74.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	135102	34.76	ng	#	84
3) Pyridine	3.410	79	336897	32.79	ng		99
4) n-Nitrosodimethylamine	3.346	42	155895	37.84	ng		99
6) Aniline	6.481	93	258478	20.02	ng		96
8) 2-Chlorophenol	6.604	128	362951	39.82	ng		99
9) Benzaldehyde	6.369	77	93104	14.02	ng		98
10) Phenol	6.469	94	371861	32.72	ng		87
11) bis(2-Chloroethyl)ether	6.557	93	352670	40.62	ng		99
12) 1,3-Dichlorobenzene	6.763	146	408297	37.85	ng		99
13) 1,4-Dichlorobenzene	6.839	146	412725	37.95	ng		100
14) 1,2-Dichlorobenzene	6.992	146	391900	37.33	ng		98
15) Benzyl Alcohol	6.963	79	278245	36.84	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	441606	35.67	ng		98
17) 2-Methylphenol	7.075	107	276522	38.16	ng		99
18) Hexachloroethane	7.334	117	146441	37.78	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	229762	36.57	ng		99
20) 3+4-Methylphenols	7.228	107	317747	34.71	ng	#	86
22) Acetophenone	7.228	105	465401	40.03	ng		98
24) Nitrobenzene	7.404	77	365971	39.42	ng		97
25) Isophorone	7.639	82	626808	39.00	ng		100
26) 2-Nitrophenol	7.722	139	186895	41.28	ng		89
27) 2,4-Dimethylphenol	7.757	122	287274	43.29	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	405020	36.80	ng		99
29) 2,4-Dichlorophenol	7.963	162	288663	37.25	ng		100
30) 1,2,4-Trichlorobenzene	8.045	180	330588	37.65	ng		98
31) Naphthalene	8.128	128	1031827	39.99	ng		99
32) Benzoic acid	7.875	122	180906	34.21	ng		95
33) 4-Chloroaniline	8.175	127	163621	15.17	ng		97
34) Hexachlorobutadiene	8.245	225	199739	36.96	ng		99
35) Caprolactam	8.528	113	59896	25.66	ng		98
36) 4-Chloro-3-methylphenol	8.657	107	271145	35.52	ng		99
37) 2-Methylnaphthalene	8.816	142	659401	38.64	ng		98
38) 1-Methylnaphthalene	8.916	142	606445	37.56	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	312251	43.60	ng		100
41) Hexachlorocyclopentadiene	8.969	237	274718	86.75	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	192534	38.92	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	208969	40.87	ng		95
46) 1,1'-Biphenyl	9.280	154	769822	42.90	ng		98
47) 2-Chloronaphthalene	9.304	162	613616	41.27	ng		98
48) 2-Nitroaniline	9.398	65	152490	35.18	ng		96
49) Acenaphthylene	9.722	152	907575	41.33	ng		99
50) Dimethylphthalate	9.580	163	671565	38.89	ng		99
51) 2,6-Dinitrotoluene	9.639	165	147049	40.32	ng		95
52) Acenaphthene	9.892	154	615936m	43.35	ng		
53) 3-Nitroaniline	9.810	138	83258	19.76	ng		98
54) 2,4-Dinitrophenol	9.922	184	145333	81.50	ng	#	90
55) Dibenzofuran	10.063	168	817876	40.92	ng		98
56) 4-Nitrophenol	9.975	139	194641	64.77	ng		97
57) 2,4-Dinitrotoluene	10.045	165	186621	38.41	ng		95
58) Fluorene	10.404	166	616293	38.77	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.180	232	170719	38.00	ng		99
60) Diethylphthalate	10.280	149	619336	36.87	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	300312	38.37	ng		96
62) 4-Nitroaniline	10.422	138	133432	31.19	ng		95
63) Azobenzene	10.557	77	583449	37.79	ng		97
65) 4,6-Dinitro-2-methylph...	10.457	198	98095	45.56	ng		90
66) n-Nitrosodiphenylamine	10.516	169	534385	42.83	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	197043	41.18	ng		93
68) Hexachlorobenzene	10.957	284	218405	41.29	ng		93
69) Atrazine	11.039	200	139142	34.34	ng		98
70) Pentachlorophenol	11.151	266	232918	83.11	ng		97
71) Phenanthrene	11.369	178	887193	42.28	ng		99
72) Anthracene	11.422	178	909925	43.73	ng		99
73) Carbazole	11.574	167	797014	42.23	ng		98
74) Di-n-butylphthalate	11.904	149	935400	39.45	ng		99
75) Fluoranthene	12.557	202	920226	41.82	ng		99
77) Benzidine	12.674	184	217963	32.88	ng		98
78) Pyrene	12.786	202	929970	39.25	ng		99
80) Butylbenzylphthalate	13.404	149	393850	36.90	ng		92
81) Benzo(a)anthracene	13.974	228	863095	42.14	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	234288	31.94	ng		98
83) Chrysene	14.010	228	868250	42.60	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	542768	37.13	ng		98
85) Di-n-octyl phthalate	14.574	149	979861	40.41	ng		98
87) Indeno(1,2,3-cd)pyrene	16.886	276	1229903	52.78	ng		100
88) Benzo(b)fluoranthene	15.015	252	1038402	41.69	ng		100
89) Benzo(k)fluoranthene	15.045	252	898862	39.47	ng		100
90) Benzo(a)pyrene	15.380	252	899397	41.28	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	1009749	52.95	ng		99
92) Benzo(g,h,i)perylene	17.327	276	1076397	58.32	ng		100

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

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