Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
Data File : BF122724.D
Acq On : 15 Dec 2020 19:43
Operator : JU/CG
Sample : L5102-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMSD

Manual Integrations APPROVED
mohammad
12/17/2020 9:53:38 AM

Quant Time: Dec 16 01:55:29 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	6.816	152	142944	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	522847	20.00	ng		0.00
39) Acenaphthene-d10	9.857	164	246901	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	405986	20.00	ng		0.00
76) Chrysene-d12	13.986	240	312395	20.00	ng		0.00
86) Perylene-d12	15.433	264	343591	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	476382	52.76	ng		0.00
7) Phenol-d6	6.451	99	840055	70.15	ng		0.00
23) Nitrobenzene-d5	7.381	82	726337	69.60	ng		-0.01
42) 2,4,6-Tribromophenol	10.645	330	95210	29.46	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1290858	70.72	ng		0.00
79) Terphenyl-d14	12.927	244	1150687	64.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	164219	38.70	ng		97
3) Pyridine	3.351	79	445917	39.75	ng		98
4) n-Nitrosodimethylamine	3.310	42	181484	40.34	ng		94
6) Aniline	6.481	93	321040	22.78	ng		98
8) 2-Chlorophenol	6.604	128	419841	42.19	ng		96
9) Benzaldehyde	6.369	77	161393	22.27	ng		97
10) Phenol	6.463	94	497874	40.12	ng		89
11) bis(2-Chloroethyl)ether	6.551	93	398244	42.01	ng		99
12) 1,3-Dichlorobenzene	6.757	146	480408	40.80	ng		98
13) 1,4-Dichlorobenzene	6.833	146	481067	40.52	ng		97
14) 1,2-Dichlorobenzene	6.986	146	451721	39.41	ng		99
15) Benzyl Alcohol	6.963	79	327440	39.71	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	503596	37.25	ng		98
17) 2-Methylphenol	7.075	107	316967	40.07	ng		99
18) Hexachloroethane	7.333	117	170186	40.22	ng		97
19) n-Nitroso-di-n-propyla...	7.233	70	261169	38.08	ng		99
20) 3+4-Methylphenols	7.228	107	378799	37.90	ng		93
22) Acetophenone	7.228	105	522743	40.21	ng	#	98
24) Nitrobenzene	7.404	77	415243	40.00	ng		96
25) Isophorone	7.639	82	718334	39.97	ng		100
26) 2-Nitrophenol	7.722	139	215887	42.64	ng		91
27) 2,4-Dimethylphenol	7.757	122	340418	45.87	ng		99
28) bis(2-Chloroethoxy)met...	7.851	93	471057	38.27	ng		99
29) 2,4-Dichlorophenol	7.963	162	333607	38.49	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	383225	39.03	ng		100
31) Naphthalene	8.128	128	1172683	40.65	ng		100
32) Benzoic acid	7.880	122	182172	30.81	ng		98
33) 4-Chloroaniline	8.175	127	134605	11.16	ng		97
34) Hexachlorobutadiene	8.245	225	229425	37.96	ng		98
35) Caprolactam	8.539	113	88675m	33.97	ng		
36) 4-Chloro-3-methylphenol	8.657	107	320030	37.49	ng		96
37) 2-Methylnaphthalene	8.816	142	757833	39.71	ng		99
38) 1-Methylnaphthalene	8.916	142	693191	38.39	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	352371	43.09	ng		99
41) Hexachlorocyclopentadiene	8.975	237	357561	98.89	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	219843	38.92	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	229826	39.37	ng	95
46) 1,1'-Biphenyl	9.280	154	875997	42.75	ng	99
47) 2-Chloronaphthalene	9.304	162	700727	41.27	ng	99
48) 2-Nitroaniline	9.398	65	179550	36.28	ng	91
49) Acenaphthylene	9.722	152	1043862	41.63	ng	99
50) Dimethylphthalate	9.580	163	781100	39.61	ng	100
51) 2,6-Dinitrotoluene	9.645	165	168497	40.46	ng	94
52) Acenaphthene	9.892	154	694119m	42.78	ng	
53) 3-Nitroaniline	9.810	138	75562	15.70	ng	98
54) 2,4-Dinitrophenol	9.922	184	141829	69.66	ng	95
55) Dibenzofuran	10.063	168	929567	40.73	ng	98
56) 4-Nitrophenol	9.974	139	239200	69.71	ng	91
57) 2,4-Dinitrotoluene	10.045	165	216152	38.97	ng	98
58) Fluorene	10.410	166	696425	38.37	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	187540	36.56	ng	99
60) Diethylphthalate	10.280	149	708644	36.95	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	338278	37.85	ng	98
62) 4-Nitroaniline	10.422	138	150409	30.79	ng	94
63) Azobenzene	10.557	77	670155	38.01	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	109564	44.26	ng	92
66) n-Nitrosodiphenylamine	10.516	169	609703	42.50	ng	100
67) 4-Bromophenyl-phenylether	10.886	248	227370	41.33	ng	95
68) Hexachlorobenzene	10.957	284	248075	40.79	ng	95
69) Atrazine	11.039	200	165002	35.42	ng	99
70) Pentachlorophenol	11.151	266	240218	74.55	ng	98
71) Phenanthrene	11.368	178	989471	41.01	ng	99
72) Anthracene	11.421	178	1015907	42.46	ng	98
73) Carbazole	11.574	167	865638	39.89	ng	98
74) Di-n-butylphthalate	11.904	149	1025867	37.63	ng	99
75) Fluoranthene	12.557	202	993260	39.26	ng	99
77) Benzidine	12.674	184	302881	44.82	ng	99
78) Pyrene	12.786	202	995546	41.22	ng	99
80) Butylbenzylphthalate	13.404	149	404061	37.14	ng	94
81) Benzo(a)anthracene	13.974	228	867833	41.57	ng	97
82) 3,3'-Dichlorobenzidine	13.933	252	191589	25.62	ng	97
83) Chrysene	14.010	228	868682	41.81	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	562318	37.74	ng	99
85) Di-n-octyl phthalate	14.574	149	958849	38.80	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	1122544	49.77	ng	99
88) Benzo(b)fluoranthene	15.015	252	1011090	41.94	ng	100
89) Benzo(k)fluoranthene	15.045	252	830498	37.68	ng	100
90) Benzo(a)pyrene	15.380	252	843057	39.97	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	925300	50.13	ng	99
92) Benzo(g,h,i)perylene	17.321	276	979061	54.80	ng	99

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

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