Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070221\
Data File : BF124519.D
Acq On : 2 Jul 2021 15:13
Operator : JU/CG
Sample : PB137485BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137485BS

Manual Integrations APPROVED
mohammad
7/7/2021 11:35:01 AM

Quant Time: Jul 02 16:02:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 02 14:41:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.675	152	44627	20.00	ng		0.00
21) Naphthalene-d8	7.957	136	173097	20.00	ng	#	0.00
39) Acenaphthene-d10	9.710	164	105721	20.00	ng		0.00
64) Phenanthrene-d10	11.198	188	199456	20.00	ng	#	0.00
76) Chrysene-d12	13.845	240	139621	20.00	ng		0.00
86) Perylene-d12	15.262	264	93778	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	329527	116.13	ng		0.02
7) Phenol-d6	6.339	99	414347	111.83	ng		0.00
23) Nitrobenzene-d5	7.251	82	301642	72.25	ng		0.00
42) 2,4,6-Tribromophenol	10.510	330	150492	119.15	ng		0.00
45) 2-Fluorobiphenyl	9.039	172	656892	76.11	ng		0.00
79) Terphenyl-d14	12.780	244	774544	83.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.393	88	39687	32.53	ng	#	83
3) Pyridine	3.116	79	84811	31.70	ng	#	77
4) n-Nitrosodimethylamine	3.069	42	52537	36.39	ng	#	63
6) Aniline	6.345	93	126460	30.55	ng	#	3
8) 2-Chlorophenol	6.469	128	134190	42.55	ng		88
9) Benzaldehyde	6.239	77	13213	7.66	ng	#	70
10) Phenol	6.351	94	162904	40.66	ng		88
11) bis(2-Chloroethyl)ether	6.416	93	118497	40.90	ng		93
12) 1,3-Dichlorobenzene	6.610	146	159681	41.69	ng		94
13) 1,4-Dichlorobenzene	6.692	146	152732	39.32	ng		93
14) 1,2-Dichlorobenzene	6.839	146	152479	41.69	ng		97
15) Benzyl Alcohol	6.833	79	126369	39.76	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.951	45	144055	38.76	ng	#	1
17) 2-Methylphenol	6.951	107	108973	43.18	ng	#	81
18) Hexachloroethane	7.175	117	60083	42.46	ng	#	88
19) n-Nitroso-di-n-propyla...	7.098	70	104618	41.99	ng	#	79
20) 3+4-Methylphenols	7.110	107	138944	42.18	ng	#	77
22) Acetophenone	7.092	105	196125	40.70	ng	#	85
24) Nitrobenzene	7.269	77	152106	36.47	ng		99
25) Isophorone	7.504	82	262289	36.54	ng		96
26) 2-Nitrophenol	7.580	139	79274	39.08	ng	#	84
27) 2,4-Dimethylphenol	7.628	122	119082	44.04	ng		89
28) bis(2-Chloroethoxy)met...	7.716	93	157088	43.18	ng		100
29) 2,4-Dichlorophenol	7.833	162	128139	39.92	ng		89
30) 1,2,4-Trichlorobenzene	7.898	180	138656	38.09	ng		98
31) Naphthalene	7.980	128	394562	38.74	ng		97
32) Benzoic acid	7.816	122	65645	42.54	ng		90
33) 4-Chloroaniline	8.039	127	67049	17.53	ng	#	93
34) Hexachlorobutadiene	8.092	225	87794	36.07	ng		96
35) Caprolactam	8.439	113	41483m	49.32	ng		
36) 4-Chloro-3-methylphenol	8.539	107	130687	40.31	ng	#	82
37) 2-Methylnaphthalene	8.669	142	293863	40.78	ng		98
38) 1-Methylnaphthalene	8.769	142	261570	39.02	ng		93
40) 1,2,4,5-Tetrachloroben...	8.839	216	152904	40.24	ng	#	95
41) Hexachlorocyclopentadiene	8.822	237	53731	182.26	ng		92
43) 2,4,6-Trichlorophenol	8.963	196	87800	36.82	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	92539	36.78	ng	#	90
46) 1,1'-Biphenyl	9.139	154	378421	42.11	ng		96
47) 2-Chloronaphthalene	9.163	162	284345	38.69	ng		95
48) 2-Nitroaniline	9.269	65	94150	38.94	ng		97
49) Acenaphthylene	9.574	152	425461	40.05	ng		99
50) Dimethylphthalate	9.451	163	354101	42.48	ng		99
51) 2,6-Dinitrotoluene	9.516	165	78934	41.00	ng	#	81
52) Acenaphthene	9.745	154	269611	39.97	ng		95
53) 3-Nitroaniline	9.686	138	47292	27.75	ng		94
54) 2,4-Dinitrophenol	9.810	184	65520	80.65	ng	#	82
55) Dibenzofuran	9.921	168	427858	39.79	ng		95
56) 4-Nitrophenol	9.880	139	63546	71.07	ng		89
57) 2,4-Dinitrotoluene	9.927	165	110192	43.18	ng		87
58) Fluorene	10.263	166	334889	40.53	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.051	232	74459	40.47	ng		96
60) Diethylphthalate	10.145	149	366387	44.17	ng		95
61) 4-Chlorophenyl-phenyle...	10.251	204	167784	40.98	ng		98
62) 4-Nitroaniline	10.316	138	67768	41.33	ng		90
63) Azobenzene	10.416	77	328453	39.78	ng		92
65) 4,6-Dinitro-2-methylph...	10.345	198	54478	38.10	ng	#	57
66) n-Nitrosodiphenylamine	10.380	169	303445	39.66	ng		97
67) 4-Bromophenyl-phenylether	10.739	248	105971	39.49	ng		96
68) Hexachlorobenzene	10.810	284	115395	39.58	ng		94
69) Atrazine	10.910	200	105396	53.39	ng		98
70) Pentachlorophenol	11.016	266	66620	92.53	ng		98
71) Phenanthrene	11.227	178	511807	40.71	ng		99
72) Anthracene	11.274	178	520614	41.56	ng		99
73) Carbazole	11.439	167	436836	40.01	ng		97
74) Di-n-butylphthalate	11.763	149	585133	45.01	ng		98
75) Fluoranthene	12.415	202	529224	41.83	ng		96
77) Benzidine	12.539	184	128782	46.02	ng	#	94
78) Pyrene	12.639	202	531748	41.72	ng		98
80) Butylbenzylphthalate	13.257	149	224877	44.44	ng		93
81) Benzo(a)anthracene	13.833	228	406093	40.34	ng		98
82) 3,3'-Dichlorobenzidine	13.792	252	89335	27.70	ng		96
83) Chrysene	13.868	228	395734	39.67	ng		97
84) Bis(2-ethylhexyl)phtha...	13.815	149	335599	49.49	ng		96
85) Di-n-octyl phthalate	14.427	149	488789	46.29	ng	#	85
87) Indeno(1,2,3-cd)pyrene	16.656	276	316292	42.77	ng		97
88) Benzo(b)fluoranthene	14.862	252	323049	45.46	ng		97
89) Benzo(k)fluoranthene	14.886	252	309787	47.65	ng		100
90) Benzo(a)pyrene	15.209	252	288797	45.73	ng		99
91) Dibenzo(a,h)anthracene	16.656	278	261762	41.09	ng		95
92) Benzo(g,h,i)perylene	17.074	276	259993	41.48	ng		96

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

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