Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123940.D
Acq On : 15 May 2021 12:35
Operator : JU/CG
Sample : M2383-09MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KTW-02MS

Manual Integrations APPROVED
mohammad
5/17/2021 11:22:57 AM

Quant Time: May 16 05:18:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	38110	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	140646	20.00	ng		# 0.02
39) Acenaphthene-d10	9.945	164	84138	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	157680	20.00	ng		0.00
76) Chrysene-d12	14.074	240	104918	20.00	ng		0.00
86) Perylene-d12	15.557	264	99419	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	148316	54.64	ng		0.04
7) Phenol-d6	6.534	99	107710	30.59	ng		0.01
23) Nitrobenzene-d5	7.469	82	322168	98.69	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	144923	143.41	ng		0.01
45) 2-Fluorobiphenyl	9.269	172	563641	82.44	ng		0.00
79) Terphenyl-d14	13.016	244	589812	85.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	19774	16.59	ng		94
3) Pyridine	3.457	79	111503	36.24	ng		98
4) n-Nitrosodimethylamine	3.404	42	37330	18.68	ng		87
6) Aniline	6.569	93	162521	40.65	ng		92
8) 2-Chlorophenol	6.692	128	100932	35.73	ng		95
9) Benzaldehyde	6.463	77	171473	112.54	ng	#	50
10) Phenol	6.545	94	69470	19.52	ng		95
11) bis(2-Chloroethyl)ether	6.640	93	134467	48.62	ng		95
12) 1,3-Dichlorobenzene	6.845	146	138431	42.07	ng		97
13) 1,4-Dichlorobenzene	6.922	146	143368	42.58	ng		96
14) 1,2-Dichlorobenzene	7.075	146	133734	42.51	ng		99
15) Benzyl Alcohol	7.051	79	103227	33.94	ng		88
16) 2,2'-oxybis(1-Chloropr...	7.181	45	258700	46.46	ng		93
17) 2-Methylphenol	7.157	107	79160	34.56	ng	#	91
18) Hexachloroethane	7.422	117	79019	63.33	ng		89
19) n-Nitroso-di-n-propyla...	7.316	70	112352	47.22	ng		98
20) 3+4-Methylphenols	7.310	107	100584	33.34	ng	#	40
22) Acetophenone	7.310	105	245065	61.36	ng	#	89
24) Nitrobenzene	7.487	77	159936	47.92	ng		92
25) Isophorone	7.734	82	283737	45.18	ng		98
26) 2-Nitrophenol	7.804	139	70110	55.84	ng		95
27) 2,4-Dimethylphenol	7.845	122	119324	49.63	ng		96
28) bis(2-Chloroethoxy)met...	7.951	93	169652	53.73	ng		99
29) 2,4-Dichlorophenol	8.057	162	104915	43.11	ng		91
30) 1,2,4-Trichlorobenzene	8.139	180	122662	44.83	ng		94
31) Naphthalene	8.245	128	7805927	937.81	ng		97
32) Benzoic acid	7.975	122	9450	7.16	ng	#	44
33) 4-Chloroaniline	8.245	127	1178073	371.79	ng	#	34
34) Hexachlorobutadiene	8.334	225	76914	42.94	ng		99
35) Caprolactam	8.639	113	5175	7.81	ng	#	87
36) 4-Chloro-3-methylphenol	8.728	107	110288	41.44	ng		94
37) 2-Methylnaphthalene	8.910	142	713494	126.47	ng		99
38) 1-Methylnaphthalene	9.004	142	482982	91.74	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	133164	43.88	ng		97
41) Hexachlorocyclopentadiene	9.057	237	78020	40.42	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	82241	41.77	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	88068	43.05	ng	#	89
46) 1,1'-Biphenyl	9.369	154	407284	54.96	ng		99
47) 2-Chloronaphthalene	9.392	162	250751	42.60	ng		98
48) 2-Nitroaniline	9.486	65	102840	51.74	ng		95
49) Acenaphthylene	9.810	152	390698	44.92	ng		98
50) Dimethylphthalate	9.669	163	319107	47.50	ng		98
51) 2,6-Dinitrotoluene	9.728	165	65640	48.31	ng		86
52) Acenaphthene	9.980	154	306987	51.57	ng		97
53) 3-Nitroaniline	9.892	138	28465	21.08	ng		99
54) 2,4-Dinitrophenol	9.998	184	76189	102.10	ng		91
55) Dibenzofuran	10.151	168	509054	59.54	ng		98
56) 4-Nitrophenol	10.045	139	36811	32.96	ng		92
57) 2,4-Dinitrotoluene	10.128	165	94551	56.74	ng		94
58) Fluorene	10.498	166	475205	73.75	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.269	232	78305	46.55	ng	#	97
60) Diethylphthalate	10.363	149	313082	47.05	ng		96
61) 4-Chlorophenyl-phenyle...	10.486	204	145208	44.97	ng		95
62) 4-Nitroaniline	10.510	138	64529	48.05	ng		87
63) Azobenzene	10.645	77	319529	43.18	ng		92
65) 4,6-Dinitro-2-methylph...	10.533	198	47436	46.84	ng		87
66) n-Nitrosodiphenylamine	10.604	169	261337	43.38	ng		96
67) 4-Bromophenyl-phenylether	10.975	248	90306	43.58	ng		92
68) Hexachlorobenzene	11.039	284	100579	43.48	ng		93
69) Atrazine	11.133	200	63488	37.31	ng		98
70) Pentachlorophenol	11.233	266	128761	93.88	ng		99
71) Phenanthrene	11.463	178	607658	60.81	ng		99
72) Anthracene	11.510	178	473071	46.71	ng		98
73) Carbazole	11.663	167	428602	48.38	ng		97
74) Di-n-butylphthalate	11.992	149	505208	45.56	ng		99
75) Fluoranthene	12.657	202	461620	44.61	ng		99
77) Benzidine	12.763	184	17752	7.01	ng	#	92
78) Pyrene	12.874	202	452525	48.58	ng		97
80) Butylbenzylphthalate	13.492	149	175842	48.14	ng		94
81) Benzo(a)anthracene	14.063	228	329200	43.39	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	55418	23.51	ng	#	99
83) Chrysene	14.098	228	315233	43.19	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	246599	47.84	ng		98
85) Di-n-octyl phthalate	14.668	149	357914	45.94	ng		100
87) Indeno(1,2,3-cd)pyrene	17.062	276	364767	47.51	ng	#	94
88) Benzo(b)fluoranthene	15.127	252	326302	42.43	ng	#	95
89) Benzo(k)fluoranthene	15.157	252	297126m	42.39	ng		
90) Benzo(a)pyrene	15.498	252	303014	45.58	ng		96
91) Dibenzo(a,h)anthracene	17.092	278	309012	47.79	ng		95
92) Benzo(g,h,i)perylene	17.527	276	307940	47.49	ng		97

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

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