Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122900.D
Acq On : 31 Dec 2020 17:19
Operator : JU/CG
Sample : L5244-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-123020MSD

Manual Integrations APPROVED
mohammad
1/4/2021 11:51:39 AM

Quant Time: Dec 31 17:52:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:53:00 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	114201	20.00	ng		0.00
21) Naphthalene-d8	8.116	136	441498	20.00	ng		0.00
39) Acenaphthene-d10	9.875	164	232708	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	393779	20.00	ng		0.00
76) Chrysene-d12	14.021	240	275349	20.00	ng		0.00
86) Perylene-d12	15.504	264	303941	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	848056	117.57	ng		0.00
7) Phenol-d6	6.475	99	1043074	109.03	ng		0.00
23) Nitrobenzene-d5	7.392	82	659582	74.85	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	321896	105.68	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1226012	71.26	ng		0.00
79) Terphenyl-d14	12.951	244	1155488	73.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	106071	31.28	ng		97
3) Pyridine	3.316	79	303957	33.92	ng		98
4) n-Nitrosodimethylamine	3.257	42	130356	36.27	ng		96
6) Aniline	6.498	93	208636	18.53	ng	#	53
8) 2-Chlorophenol	6.616	128	345907	43.51	ng		98
9) Benzaldehyde	6.369	77	77304	13.35	ng		97
10) Phenol	6.487	94	448576	45.25	ng		94
11) bis(2-Chloroethyl)ether	6.557	93	352532	46.55	ng		98
12) 1,3-Dichlorobenzene	6.763	146	374704	39.83	ng		98
13) 1,4-Dichlorobenzene	6.840	146	377265	39.77	ng		98
14) 1,2-Dichlorobenzene	6.992	146	358955	39.20	ng		99
15) Benzyl Alcohol	6.975	79	286513	43.49	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	370660	34.32	ng	#	51
17) 2-Methylphenol	7.098	107	262974	41.61	ng	#	88
18) Hexachloroethane	7.334	117	115378	34.13	ng		97
19) n-Nitroso-di-n-propyla...	7.245	70	227119	41.44	ng		100
20) 3+4-Methylphenols	7.251	107	355392	44.51	ng	#	65
22) Acetophenone	7.240	105	481250	43.84	ng	#	93
24) Nitrobenzene	7.410	77	339008	38.67	ng		98
25) Isophorone	7.657	82	623119	41.06	ng		95
26) 2-Nitrophenol	7.728	139	184212	43.09	ng		98
27) 2,4-Dimethylphenol	7.775	122	300218	47.91	ng		97
28) bis(2-Chloroethoxy)met...	7.863	93	398986	38.39	ng		98
29) 2,4-Dichlorophenol	7.981	162	306582	41.89	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	316062	38.12	ng		98
31) Naphthalene	8.134	128	1043810	42.84	ng		100
32) Benzoic acid	7.922	122	219991	44.06	ng	#	83
33) 4-Chloroaniline	8.204	127	162381	15.94	ng		98
34) Hexachlorobutadiene	8.251	225	189792	37.19	ng		99
35) Caprolactam	8.569	113	92573m	42.00	ng		
36) 4-Chloro-3-methylphenol	8.686	107	304650	42.26	ng		99
37) 2-Methylnaphthalene	8.828	142	676540	41.98	ng		99
38) 1-Methylnaphthalene	8.928	142	614695	40.32	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	310079	40.23	ng		99
41) Hexachlorocyclopentadiene	8.975	237	14326	4.20	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	208825	39.23	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	219757	39.94	ng		99
46) 1,1'-Biphenyl	9.292	154	784843	40.64	ng		99
47) 2-Chloronaphthalene	9.322	162	613187	38.32	ng		98
48) 2-Nitroaniline	9.422	65	175762	37.68	ng		98
49) Acenaphthylene	9.733	152	934825	39.55	ng		99
50) Dimethylphthalate	9.592	163	811683	43.67	ng		99
51) 2,6-Dinitrotoluene	9.663	165	163911	41.76	ng		97
52) Acenaphthene	9.910	154	556863	36.42	ng		98
53) 3-Nitroaniline	9.828	138	99643	21.97	ng		94
54) 2,4-Dinitrophenol	9.951	184	89693	46.74	ng	#	88
55) Dibenzofuran	10.081	168	851694	39.60	ng		100
56) 4-Nitrophenol	10.010	139	226583	70.06	ng		89
57) 2,4-Dinitrotoluene	10.069	165	202499	38.73	ng		96
58) Fluorene	10.428	166	689351	40.29	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	183454	37.95	ng	#	100
60) Diethylphthalate	10.292	149	705049	39.00	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	331053	39.30	ng		99
62) 4-Nitroaniline	10.445	138	145698	31.65	ng		99
63) Azobenzene	10.575	77	627560	37.77	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	70189	29.23	ng		95
66) n-Nitrosodiphenylamine	10.533	169	590782	42.46	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	211603	39.66	ng		93
68) Hexachlorobenzene	10.980	284	226415	38.38	ng		93
69) Atrazine	11.063	200	162047	35.86	ng		98
70) Pentachlorophenol	11.175	266	230840	73.86	ng		99
71) Phenanthrene	11.392	178	1097351	46.89	ng		99
72) Anthracene	11.445	178	984240	42.41	ng		98
73) Carbazole	11.598	167	815585	38.75	ng		100
74) Di-n-butylphthalate	11.922	149	1063051	40.20	ng		99
75) Fluoranthene	12.586	202	1251524	51.00	ng		99
77) Benzidine	12.704	184	127198	21.36	ng		98
78) Pyrene	12.816	202	1289116	60.55	ng		99
80) Butylbenzylphthalate	13.427	149	381262	39.76	ng		97
81) Benzo(a)anthracene	14.010	228	1079061	58.64	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	176379	26.76	ng		100
83) Chrysene	14.051	228	1010403	55.17	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	539119	41.06	ng		100
85) Di-n-octyl phthalate	14.604	149	882268	40.50	ng		100
87) Indeno(1,2,3-cd)pyrene	17.004	276	1043574	52.31	ng		97
88) Benzo(b)fluoranthene	15.074	252	1223331	57.37	ng		100
89) Benzo(k)fluoranthene	15.104	252	951657	48.81	ng		99
90) Benzo(a)pyrene	15.445	252	1096642	58.78	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	716034	43.85	ng		99
92) Benzo(g,h,i)perylene	17.451	276	846027	53.53	ng		99

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

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