Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122506.D
Acq On : 30 Nov 2020 14:50
Operator : JU/CG
Sample : L4900-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-0-10MS

Manual Integrations APPROVED
mohammad
12/1/2020 10:42:45 AM

Quant Time: Nov 30 15:17:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	164070	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	657436	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	366387	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	708652	20.00	ng	0.00
76) Chrysene-d12	14.033	240	622052	20.00	ng	0.00
86) Perylene-d12	15.504	264	621185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1028726	96.28	ng	0.00
7) Phenol-d6	6.493	99	1334455	95.47	ng	0.00
23) Nitrobenzene-d5	7.422	82	843516	78.55	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	418010	106.30	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1552992	66.23	ng	0.00
79) Terphenyl-d14	12.974	244	1847773	62.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	179750	36.68	ng	90
3) Pyridine	3.369	79	518587	38.48	ng	90
4) n-Nitrosodimethylamine	3.316	42	230953	36.35	ng	91
6) Aniline	6.516	93	528345	28.81	ng	99
8) 2-Chlorophenol	6.640	128	523062	47.20	ng	91
9) Benzaldehyde	6.404	77	313242	43.56	ng	94
10) Phenol	6.504	94	758818	55.13	ng	84
11) bis(2-Chloroethyl)ether	6.593	93	480544	43.92	ng	91
12) 1,3-Dichlorobenzene	6.798	146	555536	44.16	ng	96
13) 1,4-Dichlorobenzene	6.875	146	559322	44.26	ng	97
14) 1,2-Dichlorobenzene	7.028	146	534765	45.34	ng	99
15) Benzyl Alcohol	6.998	79	429925	43.26	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	640691	40.18	ng	94
17) 2-Methylphenol	7.116	107	428176	46.30	ng	98
18) Hexachloroethane	7.369	117	197261	44.82	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	340996	40.82	ng	95
20) 3+4-Methylphenols	7.263	107	504594	44.33	ng	95
22) Acetophenone	7.263	105	652044	38.08	ng	94
24) Nitrobenzene	7.440	77	539316	43.89	ng	96
25) Isophorone	7.681	82	949290	39.65	ng	97
26) 2-Nitrophenol	7.757	139	269598	50.18	ng	97
27) 2,4-Dimethylphenol	7.798	122	460411	40.77	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	601468	41.08	ng	99
29) 2,4-Dichlorophenol	7.998	162	454780	45.49	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	473833	42.94	ng	95
31) Naphthalene	8.163	128	1602338	45.84	ng	99
32) Benzoic acid	7.892	122	109149	22.53	ng	95
33) 4-Chloroaniline	8.210	127	265817	17.46	ng	95
34) Hexachlorobutadiene	8.281	225	278620	43.93	ng	98
35) Caprolactam	8.587	113	153090m	48.31	ng	
36) 4-Chloro-3-methylphenol	8.698	107	470366	45.11	ng	97
37) 2-Methylnaphthalene	8.857	142	1036396	44.88	ng	99
38) 1-Methylnaphthalene	8.957	142	956204	44.24	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	466173	41.29	ng	99
41) Hexachlorocyclopentadiene	9.010	237	461580	69.92	ng	99
43) 2,4,6-Trichlorophenol	9.134	196	326881	44.58	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	355928	46.31	ng		99
46) 1,1'-Biphenyl	9.322	154	1198887	41.11	ng		98
47) 2-Chloronaphthalene	9.345	162	959847	41.47	ng		98
48) 2-Nitroaniline	9.439	65	296607	43.55	ng		95
49) Acenaphthylene	9.763	152	1506570	42.35	ng		99
50) Dimethylphthalate	9.622	163	1309830	50.29	ng		99
51) 2,6-Dinitrotoluene	9.686	165	264635	45.85	ng	#	75
52) Acenaphthene	9.933	154	1031907m	46.86	ng		
53) 3-Nitroaniline	9.851	138	188217	29.96	ng		93
54) 2,4-Dinitrophenol	9.957	184	152110	69.21	ng		93
55) Dibenzofuran	10.110	168	1451066	44.98	ng		97
56) 4-Nitrophenol	10.022	139	448260	78.99	ng		97
57) 2,4-Dinitrotoluene	10.086	165	359643	49.12	ng	#	89
58) Fluorene	10.451	166	1125181	45.54	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	306907	48.01	ng		97
60) Diethylphthalate	10.322	149	1120165	43.85	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	511167	43.83	ng		96
62) 4-Nitroaniline	10.469	138	288788	44.95	ng		97
63) Azobenzene	10.598	77	1057775	39.47	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	143168	47.52	ng		87
66) n-Nitrosodiphenylamine	10.563	169	984026	40.76	ng		96
67) 4-Bromophenyl-phenylether	10.933	248	351285	42.18	ng		97
68) Hexachlorobenzene	10.998	284	386055	42.91	ng		98
69) Atrazine	11.086	200	289758	48.19	ng		99
70) Pentachlorophenol	11.198	266	399336	77.04	ng		99
71) Phenanthrene	11.416	178	2447776	60.88	ng		97
72) Anthracene	11.469	178	1840015	44.40	ng		100
73) Carbazole	11.622	167	1627413	43.17	ng		99
74) Di-n-butylphthalate	11.951	149	1761984	43.84	ng		100
75) Fluoranthene	12.610	202	2754159	65.61	ng		97
77) Benzidine	12.727	184	823387	47.72	ng		100
78) Pyrene	12.839	202	2689028	61.53	ng		98
80) Butylbenzylphthalate	13.451	149	802045	45.92	ng		93
81) Benzo(a)anthracene	14.027	228	2221437	57.42	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	389739	27.03	ng		99
83) Chrysene	14.063	228	2163943	55.53	ng		97
84) Bis(2-ethylhexyl)phtha...	14.010	149	1051983	49.92	ng		98
85) Di-n-octyl phthalate	14.627	149	1921989	53.82	ng		96
87) Indeno(1,2,3-cd)pyrene	16.986	276	2009596	53.91	ng		99
88) Benzo(b)fluoranthene	15.080	252	2528488	62.85	ng		99
89) Benzo(k)fluoranthene	15.110	252	1606201	40.94	ng		99
90) Benzo(a)pyrene	15.451	252	1963547	55.98	ng		98
91) Dibenzo(a,h)anthracene	17.004	278	1446849	46.34	ng		99
92) Benzo(g,h,i)perylene	17.433	276	1742175	57.38	ng		98

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

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