Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011321\
Data File : BP004531.D
Acq On : 13 Jan 2021 11:28
Operator : CG/JU
Sample : PB134055BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB134055BS

Manual Integrations APPROVED
mohammad
1/14/2021 3:50:01 PM

Quant Time: Jan 13 12:28:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	208833	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	762801	20.00	ng	# 0.00
39) Acenaphthene-d10	14.469	164	470473	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	1015339	20.00	ng	0.00
76) Chrysene-d12	21.322	240	1068972	20.00	ng	0.00
86) Perylene-d12	23.674	264	1147520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1557376	129.98	ng	0.00
7) Phenol-d6	6.993	99	1880634	114.60	ng	0.00
23) Nitrobenzene-d5	8.975	82	1060064	78.57	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1027280	125.59	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2893246	79.94	ng	0.00
79) Terphenyl-d14	19.792	244	4349154	74.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	176070	36.35	ng	# 92
3) Pyridine	3.722	79	484672	37.34	ng	96
4) n-Nitrosodimethylamine	3.640	42	175062	42.66	ng	90
6) Aniline	7.140	93	549037	29.41	ng	96
8) 2-Chlorophenol	7.381	128	601633	44.22	ng	94
9) Benzaldehyde	6.958	77	86372	9.68	ng	92
10) Phenol	7.016	94	680567	43.25	ng	96
11) bis(2-Chloroethyl)ether	7.240	93	514338	40.84	ng	95
12) 1,3-Dichlorobenzene	7.705	146	691610	41.11	ng	98
13) 1,4-Dichlorobenzene	7.852	146	699006	41.07	ng	99
14) 1,2-Dichlorobenzene	8.169	146	664154	40.86	ng	99
15) Benzyl Alcohol	8.052	79	447880	42.12	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.340	45	489495	36.65	ng	94
17) 2-Methylphenol	8.263	107	469140	42.26	ng	99
18) Hexachloroethane	8.893	117	231181	39.30	ng	93
19) n-Nitroso-di-n-propyla...	8.622	70	344854	37.47	ng	94
20) 3+4-Methylphenols	8.587	107	630384	41.61	ng	98
22) Acetophenone	8.634	105	786629	41.78	ng	97
24) Nitrobenzene	9.016	77	550623	41.71	ng	91
25) Isophorone	9.540	82	985467	40.50	ng	96
26) 2-Nitrophenol	9.728	139	326132	44.81	ng	96
27) 2,4-Dimethylphenol	9.793	122	516962	51.29	ng	97
28) bis(2-Chloroethoxy)met...	10.022	93	639873	38.33	ng	98
29) 2,4-Dichlorophenol	10.263	162	579663	43.31	ng	100
30) 1,2,4-Trichlorobenzene	10.475	180	661394	41.08	ng	99
31) Naphthalene	10.663	128	1765699	42.14	ng	100
32) Benzoic acid	9.940	122	309670	38.98	ng	92
33) 4-Chloroaniline	10.775	127	225446	12.46	ng	97
34) Hexachlorobutadiene	10.946	225	430989	39.83	ng	100
35) Caprolactam	11.546	113	169039	39.55	ng	# 76
36) 4-Chloro-3-methylphenol	11.910	107	533746	41.88	ng	100
37) 2-Methylnaphthalene	12.281	142	1259830	40.90	ng	99
38) 1-Methylnaphthalene	12.498	142	1178249	40.29	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	742259	43.92	ng	98
41) Hexachlorocyclopentadiene	12.628	237	761383	77.89	ng	98
43) 2,4,6-Trichlorophenol	12.893	196	479162	43.56	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.969	196	509359	44.56	ng		98
46)	1,1'-Biphenyl	13.293	154	1601718	42.59	ng		99
47)	2-Chloronaphthalene	13.340	162	1282640	41.20	ng		97
48)	2-Nitroaniline	13.540	65	280956	39.03	ng		86
49)	Acenaphthylene	14.187	152	1979539	42.57	ng		100
50)	Dimethylphthalate	13.922	163	1562723	40.08	ng		100
51)	2,6-Dinitrotoluene	14.045	165	355360	42.75	ng		98
52)	Acenaphthene	14.528	154	1171907	41.34	ng		99
53)	3-Nitroaniline	14.375	138	193192	21.36	ng		94
54)	2,4-Dinitrophenol	14.598	184	387979	68.41	ng		94
55)	Dibenzofuran	14.869	168	1935141	42.16	ng		97
56)	4-Nitrophenol	14.698	139	561060	89.35	ng		93
57)	2,4-Dinitrotoluene	14.840	165	490095	43.13	ng		95
58)	Fluorene	15.522	166	1557153	42.49	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.098	232	464451	43.29	ng	#	88
60)	Diethylphthalate	15.292	149	1493759	39.18	ng		98
61)	4-Chlorophenyl-phenyle...	15.516	204	838122	40.47	ng		90
62)	4-Nitroaniline	15.545	138	345075	36.12	ng		96
63)	Azobenzene	15.810	77	1148146	39.77	ng		98
65)	4,6-Dinitro-2-methylph...	15.616	198	277609	46.94	ng		93
66)	n-Nitrosodiphenylamine	15.728	169	1370613	43.54	ng		99
67)	4-Bromophenyl-phenylether	16.410	248	559600	41.24	ng		94
68)	Hexachlorobenzene	16.534	284	682484	42.10	ng		92
69)	Atrazine	16.686	200	429987	38.84	ng		97
70)	Pentachlorophenol	16.881	266	685623	94.25	ng		94
71)	Phenanthrene	17.269	178	2492916	42.83	ng		99
72)	Anthracene	17.363	178	2547964	45.17	ng		100
73)	Carbazole	17.633	167	2280302	43.37	ng		99
74)	Di-n-butylphthalate	18.181	149	2491034	39.20	ng		99
75)	Fluoranthene	19.245	202	3060364	43.21	ng		99
77)	Benzidine	19.416	184	1045755	37.39	ng		99
78)	Pyrene	19.598	202	3117876	42.87	ng		100
80)	Butylbenzylphthalate	20.463	149	1134607	38.57	ng		95
81)	Benzo(a)anthracene	21.304	228	3057844	42.05	ng		100
82)	3,3'-Dichlorobenzidine	21.233	252	831024	31.71	ng		99
83)	Chrysene	21.357	228	2924216	42.25	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.227	149	1601037	38.11	ng	#	97
85)	Di-n-octyl phthalate	22.133	149	2770030	38.83	ng	#	97
87)	Indeno(1,2,3-cd)pyrene	26.104	276	4165834	47.04	ng	#	95
88)	Benzo(b)fluoranthene	22.963	252	3359836	45.24	ng		98
89)	Benzo(k)fluoranthene	23.010	252	3174414m	44.81	ng		
90)	Benzo(a)pyrene	23.574	252	3006614	43.40	ng	#	98
91)	Dibenzo(a,h)anthracene	26.115	278	3482922	47.66	ng	#	96
92)	Benzo(g,h,i)perylene	26.851	276	3545235	49.26	ng	#	95

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

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