Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
Data File : BP006198.D
Acq On : 13 Jul 2021 13:28
Operator : CG/JU
Sample : PB137618BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB137618BS

Manual Integrations APPROVED
mohammad
7/15/2021 11:30:19 AM

Quant Time: Jul 13 14:47:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 14:59:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	159944	20.000	ng		-0.01
21) Naphthalene-d8	10.657	136	616477	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	348319	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	579121	20.000	ng	#	0.00
76) Chrysene-d12	21.322	240	558452	20.000	ng	#	0.00
86) Perylene-d12	23.710	264	694945	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1318220	141.811	ng		0.00
7) Phenol-d6	7.046	99	1604084	130.460	ng		0.00
23) Nitrobenzene-d5	9.022	82	736794	75.493	ng		-0.01
42) 2,4,6-Tribromophenol	15.992	330	530619	127.954	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	1801757	76.470	ng		0.00
79) Terphenyl-d14	19.798	244	1969843	69.546	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	181203	49.682	ng		93
3) Pyridine	3.705	79	430567	46.461	ng	#	87
4) n-Nitrosodimethylamine	3.617	42	185654	50.933	ng	#	84
6) Aniline	7.187	93	555681	42.833	ng		99
8) 2-Chlorophenol	7.422	128	562765	51.692	ng		97
9) Benzaldehyde	6.999	77	255968	38.144	ng		89
10) Phenol	7.069	94	605220	51.251	ng		93
11) bis(2-Chloroethyl)ether	7.281	93	443623	49.716	ng		98
12) 1,3-Dichlorobenzene	7.740	146	588916m	50.484	ng		
13) 1,4-Dichlorobenzene	7.887	146	603513	50.657	ng		98
14) 1,2-Dichlorobenzene	8.205	146	565930	49.897	ng		99
15) Benzyl Alcohol	8.110	79	369789m	49.747	ng		
16) 2,2'-oxybis(1-Chloropr...	8.381	45	501614	47.333	ng		90
17) 2-Methylphenol	8.322	107	410590	51.111	ng		94
18) Hexachloroethane	8.922	117	203579	51.329	ng		95
19) n-Nitroso-di-n-propyla...	8.669	70	304167	45.377	ng		97
20) 3+4-Methylphenols	8.652	107	545309	50.244	ng		93
22) Acetophenone	8.687	105	697101	49.681	ng		99
24) Nitrobenzene	9.069	77	467413	47.354	ng		91
25) Isophorone	9.599	82	816173	44.052	ng		95
26) 2-Nitrophenol	9.781	139	282180	51.424	ng	#	84
27) 2,4-Dimethylphenol	9.846	122	463631	57.238	ng		97
28) bis(2-Chloroethoxy)met...	10.075	93	538122	52.409	ng		100
29) 2,4-Dichlorophenol	10.334	162	456620	51.306	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	473393	49.958	ng		98
31) Naphthalene	10.704	128	1547852	48.164	ng		99
32) Benzoic acid	10.052	122	286314	46.754	ng		90
33) 4-Chloroaniline	10.840	127	307639	24.798	ng		97
34) Hexachlorobutadiene	10.981	225	264173	50.634	ng		98
35) Caprolactam	11.651	113	140562	50.101	ng		94
36) 4-Chloro-3-methylphenol	11.975	107	467483	48.642	ng		97
37) 2-Methylnaphthalene	12.322	142	1068677	47.928	ng		97
38) 1-Methylnaphthalene	12.540	142	999751	47.376	ng		97
40) 1,2,4,5-Tetrachloroben...	12.693	216	452045	52.318	ng		97
41) Hexachlorocyclopentadiene	12.657	237	226386	91.769	ng		97
43) 2,4,6-Trichlorophenol	12.945	196	315102	50.408	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	335625	50.044	ng		98
46) 1,1'-Biphenyl	13.328	154	1285448	49.157	ng		99
47) 2-Chloronaphthalene	13.375	162	999342	49.676	ng		99
48) 2-Nitroaniline	13.593	65	248740	49.758	ng		88
49) Acenaphthylene	14.216	152	1609191	49.676	ng		100
50) Dimethylphthalate	13.957	163	1221689	48.775	ng		99
51) 2,6-Dinitrotoluene	14.087	165	270698	47.937	ng		89
52) Acenaphthene	14.557	154	932948	47.346	ng		98
53) 3-Nitroaniline	14.422	138	178269	31.160	ng		92
54) 2,4-Dinitrophenol	14.651	184	263594	87.875	ng		96
55) Dibenzofuran	14.892	168	1458751	47.556	ng		99
56) 4-Nitrophenol	14.763	139	376273	84.870	ng	#	80
57) 2,4-Dinitrotoluene	14.881	165	377724	49.665	ng		96
58) Fluorene	15.539	166	1138943	46.216	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.134	232	265567	50.606	ng	#	81
60) Diethylphthalate	15.316	149	1228106	47.811	ng		99
61) 4-Chlorophenyl-phenyle...	15.534	204	513714	47.551	ng		94
62) 4-Nitroaniline	15.587	138	244833	42.267	ng	#	83
63) Azobenzene	15.828	77	921160	42.955	ng		96
65) 4,6-Dinitro-2-methylph...	15.657	198	167551	44.653	ng		94
66) n-Nitrosodiphenylamine	15.751	169	958880	50.851	ng		100
67) 4-Bromophenyl-phenylether	16.428	248	287735	50.400	ng	#	91
68) Hexachlorobenzene	16.551	284	344804	50.882	ng		95
69) Atrazine	16.710	200	301150	50.869	ng		95
70) Pentachlorophenol	16.904	266	340358	108.824	ng		97
71) Phenanthrene	17.286	178	1571871	48.061	ng		99
72) Anthracene	17.381	178	1617720	50.489	ng		100
73) Carbazole	17.657	167	1489156	46.902	ng		99
74) Di-n-butylphthalate	18.192	149	1879297	49.173	ng		99
75) Fluoranthene	19.257	202	1708545	47.663	ng		97
77) Benzidine	19.439	184	1137859	68.713	ng		99
78) Pyrene	19.604	202	1760047	46.628	ng		99
80) Butylbenzylphthalate	20.469	149	880379	47.021	ng		92
81) Benzo(a)anthracene	21.310	228	1664337	47.121	ng		99
82) 3,3'-Dichlorobenzidine	21.239	252	452572	43.679	ng	#	96
83) Chrysene	21.363	228	1646947	47.183	ng		100
84) Bis(2-ethylhexyl)phtha...	21.222	149	1335128	48.313	ng	#	99
85) Di-n-octyl phthalate	22.127	149	2361152	48.511	ng		100
87) Indeno(1,2,3-cd)pyrene	26.215	276	2719334	53.075	ng	#	91
88) Benzo(b)fluoranthene	22.980	252	1986064	47.113	ng	#	97
89) Benzo(k)fluoranthene	23.027	252	1872634	45.449	ng	#	97
90) Benzo(a)pyrene	23.604	252	2007867	50.757	ng	#	95
91) Dibenzo(a,h)anthracene	26.227	278	2330642	52.828	ng	#	94
92) Benzo(g,h,i)perylene	26.992	276	2312281	53.256	ng	#	91

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

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