Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072021\
Data File : BP006249.D
Acq On : 20 Jul 2021 13:49
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
7/21/2021 11:28:40 AM

Quant Time: Jul 20 16:23:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 16:20:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	222026	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	917702	20.000	ng	#	0.00
39) Acenaphthene-d10	14.434	164	557599	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	1151972	20.000	ng	#	0.00
76) Chrysene-d12	21.280	240	1220887	20.000	ng	#	0.00
86) Perylene-d12	23.633	264	1284535	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	134355	10.412	ng		0.00
7) Phenol-d6	6.975	99	180605	10.581	ng		0.00
23) Nitrobenzene-d5	8.963	82	128492	8.844	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	48283	7.273	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	370658	9.827	ng		0.00
79) Terphenyl-d14	19.757	244	601395	9.712	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	28652	5.659	ng		94
3) Pyridine	3.740	79	77360	6.014	ng		96
4) n-Nitrosodimethylamine	3.652	42	26665	5.270	ng	#	73
6) Aniline	7.140	93	101273	5.624	ng		99
8) 2-Chlorophenol	7.369	128	74061	4.901	ng		98
9) Benzaldehyde	6.957	77	59382m	6.375	ng		
10) Phenol	7.005	94	89902	5.484	ng		94
11) bis(2-Chloroethyl)ether	7.240	93	70336	5.678	ng		92
12) 1,3-Dichlorobenzene	7.693	146	84722	5.232	ng		97
13) 1,4-Dichlorobenzene	7.840	146	85479	5.169	ng		98
14) 1,2-Dichlorobenzene	8.152	146	83163	5.282	ng		98
15) Benzyl Alcohol	8.052	79	64033	6.206	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.340	45	74852	5.088	ng		98
17) 2-Methylphenol	8.246	107	58637	5.258	ng		98
18) Hexachloroethane	8.881	117	29340	5.329	ng		93
19) n-Nitroso-di-n-propyla...	8.616	70	54566	5.864	ng		94
20) 3+4-Methylphenols	8.575	107	79103	5.251	ng		98
22) Acetophenone	8.628	105	107983	5.170	ng	#	98
24) Nitrobenzene	8.999	77	69676	4.742	ng		91
25) Isophorone	9.534	82	144763	5.249	ng		98
26) 2-Nitrophenol	9.710	139	22462	2.750	ng	#	93
27) 2,4-Dimethylphenol	9.775	122	57578	4.775	ng		96
28) bis(2-Chloroethoxy)met...	10.016	93	86868	5.683	ng		99
29) 2,4-Dichlorophenol	10.240	162	56456	4.261	ng		96
30) 1,2,4-Trichlorobenzene	10.457	180	71795	5.090	ng		97
31) Naphthalene	10.640	128	239064	4.997	ng		98
33) 4-Chloroaniline	10.757	127	94075	5.094	ng		97
34) Hexachlorobutadiene	10.928	225	41662	5.364	ng		97
35) Caprolactam	11.540	113	17191	4.116	ng		95
36) 4-Chloro-3-methylphenol	11.881	107	67319	4.705	ng		95
37) 2-Methylnaphthalene	12.257	142	166864	5.027	ng		95
38) 1-Methylnaphthalene	12.475	142	160365	5.105	ng		99
40) 1,2,4,5-Tetrachloroben...	12.616	216	73567	5.319	ng		98
41) Hexachlorocyclopentadiene	12.604	237	37915	17.951	ng		96
43) 2,4,6-Trichlorophenol	12.863	196	41412	4.138	ng		96
44) 2,4,5-Trichlorophenol	12.928	196	45512	4.239	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.269	154	204703	4.890	ng		97
47) 2-Chloronaphthalene	13.304	162	156577	4.862	ng		97
48) 2-Nitroaniline	13.510	65	25911	3.238	ng		92
49) Acenaphthylene	14.151	152	235572	4.543	ng		99
50) Dimethylphthalate	13.898	163	194645	4.854	ng		98
51) 2,6-Dinitrotoluene	14.010	165	26579	2.940	ng		86
52) Acenaphthene	14.492	154	155226	4.921	ng		97
53) 3-Nitroaniline	14.334	138	26868	2.934	ng	#	83
55) Dibenzofuran	14.828	168	251095	5.113	ng		99
57) 2,4-Dinitrotoluene	14.792	165	30976	2.544	ng	#	81
58) Fluorene	15.481	166	200434	5.081	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.057	232	38375	4.568	ng	#	85
60) Diethylphthalate	15.269	149	197277	4.798	ng		98
61) 4-Chlorophenyl-phenyle...	15.481	204	94783	5.481	ng		96
62) 4-Nitroaniline	15.492	138	29360	3.492	ng		88
63) Azobenzene	15.775	77	191150	5.568	ng		91
66) n-Nitrosodiphenylamine	15.698	169	171426	4.570	ng		99
67) 4-Bromophenyl-phenylether	16.381	248	56272	4.955	ng		93
68) Hexachlorobenzene	16.481	284	64308	4.771	ng		95
69) Atrazine	16.657	200	55046	4.674	ng		95
70) Pentachlorophenol	16.828	266	31789	5.110	ng		93
71) Phenanthrene	17.222	178	318453	4.895	ng		99
72) Anthracene	17.316	178	303266	4.758	ng		99
73) Carbazole	17.586	167	301109	4.768	ng		99
74) Di-n-butylphthalate	18.163	149	328514	4.321	ng		100
75) Fluoranthene	19.198	202	363088	5.092	ng		95
77) Benzidine	19.386	184	186726	5.158	ng		99
78) Pyrene	19.545	202	383825	4.651	ng		99
80) Butylbenzylphthalate	20.445	149	141141	3.448	ng		93
81) Benzo(a)anthracene	21.263	228	384349	4.977	ng		100
82) 3,3'-Dichlorobenzidine	21.204	252	98379	4.343	ng	#	98
83) Chrysene	21.316	228	377807	4.951	ng		99
84) Bis(2-ethylhexyl)phtha...	21.216	149	225935	3.740	ng		96
85) Di-n-octyl phthalate	22.133	149	383669	3.606	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.068	276	447368	4.724	ng	#	90
88) Benzo(b)fluoranthene	22.915	252	399735	5.130	ng	#	95
89) Benzo(k)fluoranthene	22.963	252	382068	5.017	ng	#	95
90) Benzo(a)pyrene	23.527	252	358189	4.899	ng	#	95
91) Dibenzo(a,h)anthracene	26.098	278	390205	4.785	ng	#	93
92) Benzo(g,h,i)perylene	26.809	276	379215	4.725	ng	#	92

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

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