Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072021\
Data File : BP006256.D
Acq On : 20 Jul 2021 18:12
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072021

Manual Integrations APPROVED
mohammad
7/21/2021 11:29:06 AM

Quant Time: Jul 21 08:58:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 08:44:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	282984	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	1161172	20.000	ng	#	0.00
39) Acenaphthene-d10	14.428	164	710314	20.000	ng		0.00
64) Phenanthrene-d10	17.181	188	1428472	20.000	ng	#	0.00
76) Chrysene-d12	21.280	240	1362930	20.000	ng	#	0.00
86) Perylene-d12	23.633	264	1417067	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1343780	79.114	ng		-0.01
7) Phenol-d6	6.975	99	1869134	80.489	ng		0.00
23) Nitrobenzene-d5	8.958	82	1635983	84.840	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	609695	83.388	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	3680453	78.868	ng		0.00
79) Terphenyl-d14	19.757	244	5473736	80.340	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	277357	39.051	ng		95
3) Pyridine	3.728	79	806336	40.784	ng		97
4) n-Nitrosodimethylamine	3.640	42	270549	40.356	ng	#	73
6) Aniline	7.134	93	1040363	40.467	ng		99
8) 2-Chlorophenol	7.363	128	757167	40.371	ng		96
9) Benzaldehyde	6.946	77	526204	39.357	ng		97
10) Phenol	6.999	94	923569	40.087	ng		94
11) bis(2-Chloroethyl)ether	7.234	93	728030	40.800	ng		97
12) 1,3-Dichlorobenzene	7.687	146	812848	39.559	ng		99
13) 1,4-Dichlorobenzene	7.834	146	824907	39.600	ng		99
14) 1,2-Dichlorobenzene	8.146	146	789696	39.579	ng		98
15) Benzyl Alcohol	8.046	79	682634	40.833	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.328	45	737251	41.011	ng		95
17) 2-Methylphenol	8.240	107	622309	40.725	ng		97
18) Hexachloroethane	8.869	117	293657	39.654	ng		93
19) n-Nitroso-di-n-propyla...	8.616	70	595442	41.858	ng		93
20) 3+4-Methylphenols	8.569	107	838751	40.752	ng		94
22) Acetophenone	8.622	105	1120728	39.991	ng	#	97
24) Nitrobenzene	8.999	77	852595	41.587	ng		96
25) Isophorone	9.534	82	1622194	41.235	ng		98
26) 2-Nitrophenol	9.705	139	345095	40.628	ng		92
27) 2,4-Dimethylphenol	9.769	122	625249	40.170	ng		98
28) bis(2-Chloroethoxy)met...	10.016	93	889899	40.071	ng		99
29) 2,4-Dichlorophenol	10.234	162	653110	40.646	ng		97
30) 1,2,4-Trichlorobenzene	10.452	180	720244	39.645	ng		98
31) Naphthalene	10.640	128	2422950	39.754	ng		99
32) Benzoic acid	9.905	122	419182	43.398	ng		97
33) 4-Chloroaniline	10.752	127	987522	39.804	ng		99
34) Hexachlorobutadiene	10.928	225	425620	39.516	ng		99
35) Caprolactam	11.557	113	198283	41.008	ng		94
36) 4-Chloro-3-methylphenol	11.875	107	777559	41.577	ng		94
37) 2-Methylnaphthalene	12.251	142	1706689	40.097	ng		97
38) 1-Methylnaphthalene	12.469	142	1610162	39.999	ng		98
40) 1,2,4,5-Tetrachloroben...	12.616	216	752359	39.105	ng		98
41) Hexachlorocyclopentadiene	12.599	237	422906	40.148	ng		98
43) 2,4,6-Trichlorophenol	12.863	196	497101	41.195	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	533886	41.178	ng	#	94
46) 1,1'-Biphenyl	13.269	154	2058641	39.320	ng		97
47) 2-Chloronaphthalene	13.304	162	1590081	39.446	ng		97
48) 2-Nitroaniline	13.510	65	429679	40.516	ng		97
49) Acenaphthylene	14.151	152	2582054	40.236	ng		100
50) Dimethylphthalate	13.904	163	1985607	39.839	ng		100
51) 2,6-Dinitrotoluene	14.016	165	436629	40.674	ng		97
52) Acenaphthene	14.493	154	1580288	39.837	ng		99
53) 3-Nitroaniline	14.340	138	461818	40.203	ng		89
54) 2,4-Dinitrophenol	14.540	184	185789	44.773	ng		91
55) Dibenzofuran	14.834	168	2458687	39.256	ng		99
56) 4-Nitrophenol	14.645	139	389371	42.341	ng	#	88
57) 2,4-Dinitrotoluene	14.798	165	582987	40.917	ng		96
58) Fluorene	15.481	166	1980596	39.477	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	469695m	41.839	ng		
60) Diethylphthalate	15.275	149	2069097	40.222	ng		99
61) 4-Chlorophenyl-phenyle...	15.481	204	940470	39.630	ng		96
62) 4-Nitroaniline	15.504	138	475234	39.743	ng	#	84
63) Azobenzene	15.775	77	2099496	40.533	ng		93
65) 4,6-Dinitro-2-methylph...	15.557	198	285163	40.305	ng		85
66) n-Nitrosodiphenylamine	15.698	169	1728520	39.438	ng		99
67) 4-Bromophenyl-phenylether	16.381	248	562793	39.106	ng		97
68) Hexachlorobenzene	16.481	284	647318	39.225	ng		95
69) Atrazine	16.663	200	584839	40.855	ng		96
70) Pentachlorophenol	16.828	266	392965	42.520	ng		99
71) Phenanthrene	17.228	178	3072582	39.271	ng		99
72) Anthracene	17.316	178	3006809	39.398	ng		99
73) Carbazole	17.592	167	3005811	39.291	ng		100
74) Di-n-butylphthalate	18.163	149	3564193	40.817	ng		99
75) Fluoranthene	19.198	202	3527963	39.290	ng		95
77) Benzidine	19.386	184	1582121	39.884	ng		99
78) Pyrene	19.551	202	3637311	40.415	ng		99
80) Butylbenzylphthalate	20.445	149	1601493	42.005	ng		94
81) Benzo(a)anthracene	21.263	228	3486319	39.863	ng		100
82) 3,3'-Dichlorobenzidine	21.204	252	968278	39.982	ng	#	98
83) Chrysene	21.316	228	3365640	39.745	ng		99
84) Bis(2-ethylhexyl)phtha...	21.216	149	2411056	41.958	ng	#	98
85) Di-n-octyl phthalate	22.133	149	4014107	41.637	ng		98
87) Indeno(1,2,3-cd)pyrene	26.080	276	3984143	39.686	ng	#	90
88) Benzo(b)fluoranthene	22.921	252	3655808	39.984	ng	#	97
89) Benzo(k)fluoranthene	22.969	252	3401016	39.948	ng	#	96
90) Benzo(a)pyrene	23.533	252	3266948	39.822	ng	#	96
91) Dibenzo(a,h)anthracene	26.104	278	3449131	39.718	ng	#	94
92) Benzo(g,h,i)perylene	26.827	276	3368908	39.856	ng	#	91

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

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