Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041921\
Data File : BP005339.D
Acq On : 19 Apr 2021 20:09
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041921

Manual Integrations APPROVED
mohammad
4/21/2021 8:37:08 AM

Quant Time: Apr 20 02:08:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 02:04:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.646	152	30580	20.00	ng		0.00
21) Naphthalene-d8	10.440	136	60467	20.00	ng		# 0.00
39) Acenaphthene-d10	14.310	164	42018	20.00	ng		0.00
64) Phenanthrene-d10	17.075	188	105916	20.00	ng		# 0.00
76) Chrysene-d12	21.174	240	146417	20.00	ng		# 0.00
86) Perylene-d12	23.433	264	135001	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	161138	78.98	ng		0.00
7) Phenol-d6	6.840	99	201512	82.76	ng		0.00
23) Nitrobenzene-d5	8.810	82	173147	78.98	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	62712	84.88	ng		0.00
45) 2-Fluorobiphenyl	12.922	172	276307	86.97	ng		0.00
79) Terphenyl-d14	19.651	244	645364	85.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	42241	31.14	ng		94
3) Pyridine	3.587	79	103609	37.81	ng		97
4) n-Nitrosodimethylamine	3.499	42	33724	33.52	ng		84
6) Aniline	6.987	93	87606	41.06	ng		96
8) 2-Chlorophenol	7.216	128	79491	41.61	ng		88
9) Benzaldehyde	6.805	77	43194	39.82	ng		85
10) Phenol	6.863	94	99622	41.06	ng		99
11) bis(2-Chloroethyl)ether	7.087	93	72476	40.81	ng		97
12) 1,3-Dichlorobenzene	7.534	146	101046m	41.01	ng		
13) 1,4-Dichlorobenzene	7.681	146	97298	41.14	ng		95
14) 1,2-Dichlorobenzene	7.999	146	92792	41.61	ng		95
15) Benzyl Alcohol	7.899	79	43657	41.38	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.187	45	47198	43.71	ng		95
17) 2-Methylphenol	8.105	107	50349	42.78	ng		95
18) Hexachloroethane	8.710	117	34939	39.24	ng		94
19) n-Nitroso-di-n-propyla...	8.457	70	45455	42.34	ng	#	87
20) 3+4-Methylphenols	8.434	107	62106	43.57	ng		95
22) Acetophenone	8.475	105	116990	41.20	ng	#	98
24) Nitrobenzene	8.852	77	85125	39.62	ng		93
25) Isophorone	9.381	82	94660	41.37	ng	#	93
26) 2-Nitrophenol	9.557	139	23498	40.26	ng		89
27) 2,4-Dimethylphenol	9.628	122	34384	40.21	ng		94
28) bis(2-Chloroethoxy)met...	9.857	93	49883	42.74	ng		97
29) 2,4-Dichlorophenol	10.099	162	42807	41.68	ng		91
30) 1,2,4-Trichlorobenzene	10.304	180	55907	39.50	ng		98
31) Naphthalene	10.487	128	147972	41.58	ng		99
32) Benzoic acid	9.804	122	24459	41.94	ng	#	72
33) 4-Chloroaniline	10.610	127	48646	42.26	ng		95
34) Hexachlorobutadiene	10.763	225	46623	38.30	ng		99
35) Caprolactam	11.416	113	10629	42.45	ng	#	80
36) 4-Chloro-3-methylphenol	11.751	107	42688	41.83	ng		89
37) 2-Methylnaphthalene	12.110	142	93462	42.83	ng		98
38) 1-Methylnaphthalene	12.328	142	90112	42.52	ng		98
40) 1,2,4,5-Tetrachloroben...	12.481	216	66888	43.03	ng		98
41) Hexachlorocyclopentadiene	12.457	237	22009	40.13	ng		99
43) 2,4,6-Trichlorophenol	12.734	196	35582	43.22	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	39259	43.11	ng		99
46) 1,1'-Biphenyl	13.134	154	128782	43.07	ng		99
47) 2-Chloronaphthalene	13.175	162	106740	43.83	ng		97
48) 2-Nitroaniline	13.398	65	28506	46.49	ng	#	89
49) Acenaphthylene	14.028	152	161030	43.68	ng		99
50) Dimethylphthalate	13.775	163	119804	43.89	ng		97
51) 2,6-Dinitrotoluene	13.898	165	30898	44.57	ng		96
52) Acenaphthene	14.375	154	104706	42.60	ng		96
53) 3-Nitroaniline	14.234	138	23989	42.20	ng		92
54) 2,4-Dinitrophenol	14.451	184	16388	42.29	ng		96
55) Dibenzofuran	14.710	168	190904	42.97	ng		99
56) 4-Nitrophenol	14.563	139	19488	44.49	ng		94
57) 2,4-Dinitrotoluene	14.698	165	45523	43.03	ng		96
58) Fluorene	15.369	166	157212	43.26	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.945	232	42342	43.16	ng		92
60) Diethylphthalate	15.145	149	123168	43.87	ng		99
61) 4-Chlorophenyl-phenyle...	15.363	204	88691	43.11	ng		99
62) 4-Nitroaniline	15.404	138	24950	42.72	ng		90
63) Azobenzene	15.657	77	179690	40.13	ng		94
65) 4,6-Dinitro-2-methylph...	15.463	198	29094	42.09	ng		95
66) n-Nitrosodiphenylamine	15.581	169	125099	42.24	ng		95
67) 4-Bromophenyl-phenylether	16.263	248	55422	42.61	ng		98
68) Hexachlorobenzene	16.375	284	66014	39.89	ng		97
69) Atrazine	16.545	200	43880	41.33	ng		93
70) Pentachlorophenol	16.728	266	33554	41.78	ng		97
71) Phenanthrene	17.116	178	262641	41.24	ng		99
72) Anthracene	17.204	178	252599	41.98	ng		99
73) Carbazole	17.486	167	233785	42.92	ng		99
74) Di-n-butylphthalate	18.045	149	197078	40.61	ng		100
75) Fluoranthene	19.098	202	322856	41.62	ng		98
77) Benzidine	19.286	184	77946	40.46	ng		100
78) Pyrene	19.451	202	342142	42.71	ng		99
80) Butylbenzylphthalate	20.327	149	74380	39.77	ng		92
81) Benzo(a)anthracene	21.157	228	379416	41.19	ng		99
82) 3,3'-Dichlorobenzidine	21.098	252	89793	39.35	ng		99
83) Chrysene	21.210	228	370649	40.43	ng		99
84) Bis(2-ethylhexyl)phtha...	21.086	149	115088	39.24	ng		99
85) Di-n-octyl phthalate	21.963	149	215312	39.59	ng		97
87) Indeno(1,2,3-cd)pyrene	25.751	276	428365	40.54	ng		97
88) Benzo(b)fluoranthene	22.751	252	404737	43.87	ng	#	98
89) Benzo(k)fluoranthene	22.798	252	364780	41.24	ng	#	98
90) Benzo(a)pyrene	23.333	252	348370	42.07	ng		99
91) Dibenzo(a,h)anthracene	25.757	278	372237	40.32	ng		98
92) Benzo(g,h,i)perylene	26.457	276	345307	39.84	ng		96

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

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