Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043021\
Data File : BP005431.D
Acq On : 30 Apr 2021 13:30
Operator : CG/JU
Sample : M2217-21MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HTCRV2-GRAB-TS01-01MSD

Quant Time: Apr 30 14:05:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 11:27:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.622	152	28685	20.00	ng		0.00
21) Naphthalene-d8	10.410	136	104334	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	75112	20.00	ng		0.00
64) Phenanthrene-d10	17.057	188	186894	20.00	ng		0.00
76) Chrysene-d12	21.162	240	275402	20.00	ng		0.00
86) Perylene-d12	23.415	264	278341	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	167813	102.35	ng		0.00
7) Phenol-d6	6.816	99	215729	94.01	ng		0.00
23) Nitrobenzene-d5	8.787	82	173231	58.85	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	137346	88.15	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	366855	58.31	ng		0.00
79) Terphenyl-d14	19.639	244	2200228	143.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.157	88	33206	36.48	ng		97
3) Pyridine	3.557	79	84703	41.42	ng	#	84
4) n-Nitrosodimethylamine	3.475	42	41291	47.68	ng	#	29
6) Aniline	6.963	93	96055	37.70	ng	#	85
8) 2-Chlorophenol	7.193	128	89606	52.64	ng		83
9) Benzaldehyde	6.775	77	86105	72.14	ng	#	75
10) Phenol	6.845	94	127259	55.62	ng	#	67
11) bis(2-Chloroethyl)ether	7.063	93	78769	50.00	ng		95
12) 1,3-Dichlorobenzene	7.510	146	97731	47.65	ng	#	84
13) 1,4-Dichlorobenzene	7.657	146	100095	48.04	ng		97
14) 1,2-Dichlorobenzene	7.969	146	96610	48.04	ng		95
15) Benzyl Alcohol	7.875	79	113404	53.89	ng	#	74
16) 2,2'-oxybis(1-Chloropr...	8.157	45	37614	54.84	ng	#	60
17) 2-Methylphenol	8.081	107	78839	53.84	ng	#	84
18) Hexachloroethane	8.687	117	41389	48.27	ng		96
19) n-Nitroso-di-n-propyla...	8.440	70	85961	47.47	ng	#	83
20) 3+4-Methylphenols	8.410	107	106589	53.21	ng		89
22) Acetophenone	8.451	105	149786	47.70	ng	#	99
24) Nitrobenzene	8.828	77	134819	44.82	ng	#	90
25) Isophorone	9.351	82	208660	43.61	ng	#	93
26) 2-Nitrophenol	9.539	139	48792	48.97	ng	#	83
27) 2,4-Dimethylphenol	9.604	122	81889	54.73	ng	#	73
28) bis(2-Chloroethoxy)met...	9.839	93	102254	49.42	ng		97
29) 2,4-Dichlorophenol	10.075	162	98252	48.28	ng		93
30) 1,2,4-Trichlorobenzene	10.275	180	116873	45.29	ng		99
31) Naphthalene	10.463	128	253296	45.48	ng		98
32) Benzoic acid	9.798	122	60686	55.38	ng	#	74
33) 4-Chloroaniline	10.592	127	34305	15.35	ng		96
34) Hexachlorobutadiene	10.739	225	93218	41.54	ng		97
35) Caprolactam	11.398	113	27101	47.51	ng		95
36) 4-Chloro-3-methylphenol	11.733	107	105424	48.30	ng		91
37) 2-Methylnaphthalene	12.086	142	198274	45.82	ng		97
38) 1-Methylnaphthalene	12.310	142	182977	44.97	ng		97
40) 1,2,4,5-Tetrachloroben...	12.463	216	155808	47.53	ng		97
41) Hexachlorocyclopentadiene	12.433	237	124053	86.65	ng		98
43) 2,4,6-Trichlorophenol	12.716	196	96570	48.22	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.792	196	105644	49.37	ng		92
46) 1,1'-Biphenyl	13.116	154	276737	49.11	ng		98
47) 2-Chloronaphthalene	13.157	162	222116	48.19	ng		99
48) 2-Nitroaniline	13.380	65	80680	53.23	ng		93
49) Acenaphthylene	14.010	152	332046	48.70	ng		100
50) Dimethylphthalate	13.763	163	309665	50.84	ng		100
51) 2,6-Dinitrotoluene	13.880	165	62546	46.34	ng		97
52) Acenaphthene	14.357	154	196691	46.30	ng		96
53) 3-Nitroaniline	14.216	138	35153	32.47	ng		94
54) 2,4-Dinitrophenol	14.433	184	89014	102.82	ng	#	78
55) Dibenzofuran	14.692	168	357292	46.79	ng		95
56) 4-Nitrophenol	14.551	139	90210	109.02	ng	#	76
57) 2,4-Dinitrotoluene	14.680	165	92522	47.45	ng		95
58) Fluorene	15.351	166	299570	47.38	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.927	232	100191	47.30	ng		92
60) Diethylphthalate	15.133	149	299592	50.09	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	186924	47.15	ng		97
62) 4-Nitroaniline	15.392	138	49216	49.02	ng		90
63) Azobenzene	15.639	77	338472	46.36	ng		94
65) 4,6-Dinitro-2-methylph...	15.451	198	60580	42.95	ng		96
66) n-Nitrosodiphenylamine	15.569	169	251322	46.47	ng		94
67) 4-Bromophenyl-phenylether	16.245	248	118573	45.27	ng		94
68) Hexachlorobenzene	16.357	284	139312	46.24	ng	#	90
69) Atrazine	16.533	200	115873	47.38	ng		98
70) Pentachlorophenol	16.710	266	178849	110.05	ng		95
71) Phenanthrene	17.098	178	485620	47.83	ng		99
72) Anthracene	17.192	178	498116	48.85	ng		99
73) Carbazole	17.468	167	429842	47.51	ng		99
74) Di-n-butylphthalate	18.027	149	547695	55.29	ng	#	97
75) Fluoranthene	19.086	202	726568	51.94	ng		99
77) Benzidine	19.274	184	267974	56.90	ng		98
78) Pyrene	19.439	202	762325	48.46	ng		100
80) Butylbenzylphthalate	20.315	149	322037	63.84	ng	#	84
81) Benzo(a)anthracene	21.151	228	931110	52.12	ng		99
82) 3,3'-Dichlorobenzidine	21.086	252	224264	36.53	ng		99
83) Chrysene	21.204	228	926476	53.21	ng		98
84) Bis(2-ethylhexyl)phtha...	21.074	149	493029	62.89	ng		98
85) Di-n-octyl phthalate	21.951	149	713674	53.61	ng		99
87) Indeno(1,2,3-cd)pyrene	25.733	276	1036874	46.30	ng		99
88) Benzo(b)fluoranthene	22.739	252	889956	48.02	ng		99
89) Benzo(k)fluoranthene	22.780	252	889538	50.24	ng		99
90) Benzo(a)pyrene	23.321	252	834960	49.41	ng		99
91) Dibenzo(a,h)anthracene	25.739	278	899810	46.15	ng		100
92) Benzo(g,h,i)perylene	26.433	276	819844	45.29	ng		96

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

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