Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102320\
Data File : BP003729.D
Acq On : 23 Oct 2020 20:00
Operator : CG/JU
Sample : L4494-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AB-ENMS

Manual Integrations APPROVED
mohammad
10/26/2020 10:36:00 AM

Quant Time: Oct 24 00:31:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 19 14:54:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	112757	20.00	ng		0.00
21) Naphthalene-d8	11.375	136	409838	20.00	ng		# 0.00
39) Acenaphthene-d10	15.128	164	263614	20.00	ng		0.00
64) Phenanthrene-d10	17.845	188	579958	20.00	ng		0.00
76) Chrysene-d12	21.857	240	595231	20.00	ng		# 0.00
86) Perylene-d12	24.433	264	627092	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	848314	125.80	ng		0.00
7) Phenol-d6	7.675	99	1025976	107.69	ng		0.00
23) Nitrobenzene-d5	9.693	82	877142	90.54	ng		0.00
42) 2,4,6-Tribromophenol	16.598	330	580772	141.21	ng		0.00
45) 2-Fluorobiphenyl	13.757	172	1843323	90.40	ng		0.00
79) Terphenyl-d14	20.310	244	3033118	89.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.699	88	109727	38.09	ng	#	22
3) Pyridine	4.140	79	316145	38.80	ng		93
4) n-Nitrosodimethylamine	4.028	42	146566	42.17	ng	#	67
6) Aniline	7.822	93	352316	33.32	ng	#	89
8) 2-Chlorophenol	8.093	128	344520	51.32	ng		84
9) Benzaldehyde	7.622	77	132341	26.20	ng	#	81
10) Phenol	7.704	94	453295	49.96	ng		84
11) bis(2-Chloroethyl)ether	7.904	93	363974	50.55	ng		90
12) 1,3-Dichlorobenzene	8.422	146	390028	45.05	ng	#	92
13) 1,4-Dichlorobenzene	8.563	146	396714	45.38	ng	#	93
14) 1,2-Dichlorobenzene	8.899	146	385028	46.48	ng		95
15) Benzyl Alcohol	8.757	79	367370	50.44	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	9.051	45	340197	47.68	ng		99
17) 2-Methylphenol	8.975	107	304991	50.75	ng	#	90
18) Hexachloroethane	9.651	117	150154	44.56	ng		94
19) n-Nitroso-di-n-propyla...	9.328	70	288569	49.57	ng	#	88
20) 3+4-Methylphenols	9.304	107	408563	50.50	ng		94
22) Acetophenone	9.346	105	577806	48.17	ng	#	90
24) Nitrobenzene	9.734	77	443034	47.50	ng	#	78
25) Isophorone	10.263	82	790671	50.64	ng	#	89
26) 2-Nitrophenol	10.463	139	184987	53.10	ng	#	65
27) 2,4-Dimethylphenol	10.522	122	327843	59.93	ng		87
28) bis(2-Chloroethoxy)met...	10.734	93	471336	47.33	ng		97
29) 2,4-Dichlorophenol	11.016	162	359866	50.14	ng		94
30) 1,2,4-Trichlorobenzene	11.240	180	414414	45.05	ng		98
31) Naphthalene	11.422	128	1060546	48.00	ng		99
32) Benzoic acid	10.657	122	148451	39.66	ng	#	74
33) 4-Chloroaniline	11.504	127	156161	17.15	ng	#	89
34) Hexachlorobutadiene	11.734	225	289076	41.65	ng		98
35) Caprolactam	12.228	113	87282	41.53	ng	#	60
36) 4-Chloro-3-methylphenol	12.604	107	397427	51.04	ng	#	82
37) 2-Methylnaphthalene	12.987	142	784580	48.94	ng	#	94
38) 1-Methylnaphthalene	13.204	142	731329m	48.26	ng		
40) 1,2,4,5-Tetrachloroben...	13.363	216	511118	48.96	ng		98
41) Hexachlorocyclopentadiene	13.357	237	582473	96.37	ng		100
43) 2,4,6-Trichlorophenol	13.581	196	317766	51.16	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.657	196	336448	52.13	ng		96
46) 1,1'-Biphenyl	13.963	154	1019292	49.58	ng		98
47) 2-Chloronaphthalene	14.016	162	811574	47.21	ng		99
48) 2-Nitroaniline	14.187	65	243011	47.87	ng	#	62
49) Acenaphthylene	14.851	152	1222148	49.80	ng		99
50) Dimethylphthalate	14.545	163	1255057	57.94	ng		99
51) 2,6-Dinitrotoluene	14.663	165	231648	52.58	ng	#	71
52) Acenaphthene	15.192	154	872328	52.66	ng		84
53) 3-Nitroaniline	14.992	138	119443	27.62	ng	#	64
54) 2,4-Dinitrophenol	15.198	184	204299	81.72	ng	#	1
55) Dibenzofuran	15.516	168	1250141	49.92	ng		99
56) 4-Nitrophenol	15.304	139	318516	98.42	ng	#	57
57) 2,4-Dinitrotoluene	15.445	165	317152	53.21	ng	#	72
58) Fluorene	16.157	166	1014989	50.23	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.745	232	323128	52.21	ng		90
60) Diethylphthalate	15.892	149	1022182	48.17	ng		97
61) 4-Chlorophenyl-phenyle...	16.133	204	585481	47.92	ng		94
62) 4-Nitroaniline	16.145	138	204617	42.66	ng	#	65
63) Azobenzene	16.422	77	964446	48.35	ng		87
65) 4,6-Dinitro-2-methylph...	16.216	198	163407	53.44	ng		91
66) n-Nitrosodiphenylamine	16.339	169	898822	52.06	ng		99
67) 4-Bromophenyl-phenylether	17.022	248	382044	49.20	ng		97
68) Hexachlorobenzene	17.186	284	431707	48.31	ng		95
69) Atrazine	17.263	200	292789	43.49	ng		96
70) Pentachlorophenol	17.510	266	508463	115.22	ng		99
71) Phenanthrene	17.886	178	1613183	50.05	ng		99
72) Anthracene	17.975	178	1650632	53.03	ng		98
73) Carbazole	18.216	167	1434892	51.82	ng		100
74) Di-n-butylphthalate	18.722	149	1678325	49.65	ng	#	98
75) Fluoranthene	19.798	202	2004703	50.63	ng		99
77) Benzidine	19.939	184	651842	45.71	ng		99
78) Pyrene	20.145	202	2025381	50.80	ng		99
80) Butylbenzylphthalate	20.951	149	744185	50.95	ng	#	84
81) Benzo(a)anthracene	21.839	228	1999674	50.39	ng		99
82) 3,3'-Dichlorobenzidine	21.745	252	407386	29.31	ng	#	98
83) Chrysene	21.898	228	1927828	51.24	ng		98
84) Bis(2-ethylhexyl)phtha...	21.704	149	1063688	50.89	ng	#	98
85) Di-n-octyl phthalate	22.668	149	1820220	53.65	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.127	276	2414206	53.64	ng	#	92
88) Benzo(b)fluoranthene	23.651	252	2159749	49.36	ng	#	97
89) Benzo(k)fluoranthene	23.698	252	2012638	48.19	ng	#	98
90) Benzo(a)pyrene	24.321	252	1882552	48.25	ng	#	97
91) Dibenzo(a,h)anthracene	27.127	278	2058079	54.70	ng	#	94
92) Benzo(g,h,i)perylene	27.962	276	1992472	57.14	ng	#	92

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

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