Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102220\
Data File : BP003700.D
Acq On : 22 Oct 2020 17:06
Operator : CG/JU
Sample : L4309-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

Manual Integrations APPROVED
mohammad
10/23/2020 1:32:46 PM

Quant Time: Oct 22 17:36:39 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	170313	20.00	ng		0.00
21) Naphthalene-d8	11.375	136	645565	20.00	ng	#	0.00
39) Acenaphthene-d10	15.128	164	447046	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	1019714	20.00	ng		0.00
76) Chrysene-d12	21.857	240	1057020	20.00	ng	#	0.00
86) Perylene-d12	24.427	264	974237	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	998790	98.06	ng		0.00
7) Phenol-d6	7.675	99	1380368	95.93	ng		0.00
23) Nitrobenzene-d5	9.693	82	1005170	65.87	ng		0.00
42) 2,4,6-Tribromophenol	16.598	330	670579	96.15	ng		0.00
45) 2-Fluorobiphenyl	13.757	172	2269025	65.62	ng		0.00
79) Terphenyl-d14	20.304	244	3789579	63.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.681	88	167708	38.54	ng	#	89
3) Pyridine	4.122	79	473134	38.44	ng		92
4) n-Nitrosodimethylamine	4.022	42	225096	42.87	ng	#	67
6) Aniline	7.822	93	451466	28.27	ng	#	88
8) 2-Chlorophenol	8.093	128	535701	52.83	ng		84
9) Benzaldehyde	7.616	77	118056	13.40	ng		84
10) Phenol	7.705	94	741169	54.08	ng		82
11) bis(2-Chloroethyl)ether	7.905	93	532151	48.93	ng		90
12) 1,3-Dichlorobenzene	8.422	146	610226	46.67	ng	#	93
13) 1,4-Dichlorobenzene	8.563	146	622969	47.17	ng		96
14) 1,2-Dichlorobenzene	8.899	146	595969	47.63	ng		96
15) Benzyl Alcohol	8.757	79	556621	50.60	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	9.052	45	494400	45.88	ng		98
17) 2-Methylphenol	8.975	107	485913	53.53	ng	#	91
18) Hexachloroethane	9.652	117	231188	45.42	ng		91
19) n-Nitroso-di-n-propyla...	9.328	70	431592	49.09	ng	#	88
20) 3+4-Methylphenols	9.304	107	662198	54.19	ng		93
22) Acetophenone	9.346	105	865378	45.81	ng	#	90
24) Nitrobenzene	9.740	77	660952	44.99	ng	#	79
25) Isophorone	10.263	82	1196107	48.64	ng	#	90
26) 2-Nitrophenol	10.463	139	290525	52.94	ng	#	68
27) 2,4-Dimethylphenol	10.522	122	492043	57.10	ng		87
28) bis(2-Chloroethoxy)met...	10.734	93	710412	45.29	ng		97
29) 2,4-Dichlorophenol	11.016	162	579525	51.26	ng		95
30) 1,2,4-Trichlorobenzene	11.240	180	652977	45.07	ng		99
31) Naphthalene	11.422	128	1604210	46.10	ng		100
32) Benzoic acid	10.687	122	306608	50.44	ng	#	69
33) 4-Chloroaniline	11.504	127	281401	19.62	ng	#	88
34) Hexachlorobutadiene	11.734	225	469193	42.92	ng		98
35) Caprolactam	12.240	113	178003	53.78	ng	#	66
36) 4-Chloro-3-methylphenol	12.610	107	630766	51.43	ng		85
37) 2-Methylnaphthalene	12.987	142	1213523	48.05	ng	#	95
38) 1-Methylnaphthalene	13.204	142	1125545m	47.15	ng		
40) 1,2,4,5-Tetrachloroben...	13.363	216	835190	47.17	ng		98
41) Hexachlorocyclopentadiene	13.357	237	1023179	99.83	ng		99
43) 2,4,6-Trichlorophenol	13.581	196	520431	49.40	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.657	196	560331	51.20	ng	#	95
46) 1,1'-Biphenyl	13.963	154	1618738	46.43	ng		98
47) 2-Chloronaphthalene	14.016	162	1277002	43.80	ng		99
48) 2-Nitroaniline	14.187	65	377808	43.89	ng	#	60
49) Acenaphthylene	14.851	152	1924549	46.24	ng		100
50) Dimethylphthalate	14.551	163	1923848	52.37	ng		99
51) 2,6-Dinitrotoluene	14.663	165	368390	49.31	ng	#	73
52) Acenaphthene	15.192	154	1427675	50.83	ng	#	82
53) 3-Nitroaniline	14.992	138	188733	25.73	ng	#	67
54) 2,4-Dinitrophenol	15.198	184	411401	96.14	ng	#	1
55) Dibenzofuran	15.516	168	1973547	46.47	ng		100
56) 4-Nitrophenol	15.304	139	573828	104.56	ng	#	53
57) 2,4-Dinitrotoluene	15.445	165	509036	50.36	ng	#	73
58) Fluorene	16.157	166	1618209	47.23	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.745	232	537914	51.25	ng	#	88
60) Diethylphthalate	15.892	149	1633434	45.39	ng		97
61) 4-Chlorophenyl-phenyle...	16.134	204	958720	46.27	ng		93
62) 4-Nitroaniline	16.151	138	323035	39.71	ng	#	69
63) Azobenzene	16.422	77	1482811	43.83	ng		88
65) 4,6-Dinitro-2-methylph...	16.216	198	304359	56.61	ng		92
66) n-Nitrosodiphenylamine	16.339	169	1435381	47.28	ng		98
67) 4-Bromophenyl-phenylether	17.022	248	642143	47.03	ng		94
68) Hexachlorobenzene	17.186	284	739764	47.08	ng		92
69) Atrazine	17.263	200	436771	36.90	ng		96
70) Pentachlorophenol	17.510	266	878842	113.26	ng		96
71) Phenanthrene	17.886	178	2633161	46.47	ng		99
72) Anthracene	17.969	178	2636005	48.16	ng		99
73) Carbazole	18.216	167	2311042	47.46	ng		99
74) Di-n-butylphthalate	18.716	149	2756569	46.38	ng	#	97
75) Fluoranthene	19.798	202	3396160	48.78	ng		98
77) Benzidine	19.933	184	561303	22.16	ng		99
78) Pyrene	20.145	202	3374376	47.66	ng		99
80) Butylbenzylphthalate	20.945	149	1219921	47.04	ng	#	82
81) Benzo(a)anthracene	21.839	228	3355957	47.62	ng		99
82) 3,3'-Dichlorobenzidine	21.739	252	885481	35.88	ng	#	98
83) Chrysene	21.898	228	3182632	47.63	ng		99
84) Bis(2-ethylhexyl)phtha...	21.698	149	1769920	47.68	ng	#	97
85) Di-n-octyl phthalate	22.663	149	3008396	49.93	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.115	276	3138814	44.89	ng	#	91
88) Benzo(b)fluoranthene	23.639	252	3441305	50.62	ng	#	97
89) Benzo(k)fluoranthene	23.692	252	3129842	48.24	ng	#	96
90) Benzo(a)pyrene	24.315	252	2847016	46.97	ng	#	96
91) Dibenzo(a,h)anthracene	27.115	278	2675800	45.78	ng	#	93
92) Benzo(g,h,i)perylene	27.945	276	2498638	46.12	ng	#	91

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

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