Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004061.D
Acq On : 23 Nov 2020 18:30
Operator : CG/JU
Sample : L4839-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B3-9-10MSD

Manual Integrations APPROVED
mohammad
11/25/2020 12:49:43 PM

Quant Time: Nov 24 06:22:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 16:42:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.263	152	118144	20.00	ng		0.00
21) Naphthalene-d8	11.098	136	450184	20.00	ng		# 0.00
39) Acenaphthene-d10	14.892	164	271834	20.00	ng		0.00
64) Phenanthrene-d10	17.622	188	558301	20.00	ng		# 0.00
76) Chrysene-d12	21.657	240	513206	20.00	ng		0.00
86) Perylene-d12	24.127	264	527462	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	893396	126.21	ng		0.00
7) Phenol-d6	7.457	99	1175487	115.68	ng		0.00
23) Nitrobenzene-d5	9.434	82	734221	79.88	ng		0.00
42) 2,4,6-Tribromophenol	16.375	330	414475	121.91	ng		0.00
45) 2-Fluorobiphenyl	13.510	172	1529191	78.65	ng		0.00
79) Terphenyl-d14	20.121	244	1982134	74.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.481	88	118859	38.92	ng	#	62
3) Pyridine	3.916	79	346496	38.68	ng	#	61
4) n-Nitrosodimethylamine	3.816	42	190540	46.20	ng	#	52
6) Aniline	7.575	93	321923	27.90	ng	#	87
8) 2-Chlorophenol	7.840	128	382691	50.92	ng	#	80
9) Benzaldehyde	7.369	77	52251	8.30	ng	#	82
10) Phenol	7.481	94	530818	54.13	ng		82
11) bis(2-Chloroethyl)ether	7.657	93	378588	48.04	ng	#	82
12) 1,3-Dichlorobenzene	8.157	146	426820	46.34	ng	#	95
13) 1,4-Dichlorobenzene	8.299	146	431088	46.42	ng		96
14) 1,2-Dichlorobenzene	8.634	146	415879	46.89	ng		97
15) Benzyl Alcohol	8.504	79	347561	49.38	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.793	45	560095	42.19	ng		83
17) 2-Methylphenol	8.746	107	320270	49.75	ng		94
18) Hexachloroethane	9.375	117	158284	47.96	ng		98
19) n-Nitroso-di-n-propyla...	9.069	70	285666	47.04	ng	#	78
20) 3+4-Methylphenols	9.069	107	427025	49.69	ng	#	81
22) Acetophenone	9.087	105	559767	46.33	ng	#	82
24) Nitrobenzene	9.475	77	433743	47.48	ng	#	83
25) Isophorone	9.998	82	770040	49.32	ng	#	90
26) 2-Nitrophenol	10.198	139	209294	58.68	ng	#	77
27) 2,4-Dimethylphenol	10.275	122	341657	57.42	ng		90
28) bis(2-Chloroethoxy)met...	10.469	93	475205	44.36	ng		98
29) 2,4-Dichlorophenol	10.763	162	359051	50.08	ng		94
30) 1,2,4-Trichlorobenzene	10.963	180	401217	45.93	ng		99
31) Naphthalene	11.146	128	1130960	46.81	ng		100
32) Benzoic acid	10.463	122	138788	35.78	ng	#	79
33) 4-Chloroaniline	11.240	127	259276	25.25	ng	#	89
34) Hexachlorobutadiene	11.457	225	258791	45.43	ng		99
35) Caprolactam	11.987	113	110894	50.02	ng	#	18
36) 4-Chloro-3-methylphenol	12.387	107	380400	49.15	ng		91
37) 2-Methylnaphthalene	12.734	142	806819	46.67	ng		98
38) 1-Methylnaphthalene	12.951	142	754032	45.73	ng		98
40) 1,2,4,5-Tetrachloroben...	13.116	216	444477	49.41	ng		99
41) Hexachlorocyclopentadiene	13.104	237	424101	93.44	ng		100
43) 2,4,6-Trichlorophenol	13.345	196	277123	49.83	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.439	196	299621	51.17	ng		97
46) 1,1'-Biphenyl	13.722	154	1014009	48.05	ng		98
47) 2-Chloronaphthalene	13.775	162	796927	46.03	ng		99
48) 2-Nitroaniline	13.957	65	251338	48.65	ng	#	61
49) Acenaphthylene	14.610	152	1218318	47.92	ng		100
50) Dimethylphthalate	14.322	163	1078330	50.75	ng		99
51) 2,6-Dinitrotoluene	14.439	165	221448	50.79	ng	#	76
52) Acenaphthene	14.957	154	851038m	50.25	ng		
53) 3-Nitroaniline	14.775	138	150338	31.15	ng	#	77
54) 2,4-Dinitrophenol	14.986	184	192277	79.05	ng	#	82
55) Dibenzofuran	15.286	168	1186340	47.15	ng		99
56) 4-Nitrophenol	15.122	139	329486	94.73	ng	#	67
57) 2,4-Dinitrotoluene	15.234	165	304844	52.08	ng	#	80
58) Fluorene	15.928	166	950031	47.15	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.528	232	245308	46.47	ng		96
60) Diethylphthalate	15.675	149	963443	46.31	ng		98
61) 4-Chlorophenyl-phenyle...	15.904	204	504861	45.85	ng		97
62) 4-Nitroaniline	15.933	138	209468	41.63	ng		87
63) Azobenzene	16.198	77	889977	45.31	ng		85
65) 4,6-Dinitro-2-methylph...	16.010	198	156630	51.56	ng		84
66) n-Nitrosodiphenylamine	16.122	169	834260	48.81	ng		97
67) 4-Bromophenyl-phenylether	16.798	248	306689	46.95	ng		99
68) Hexachlorobenzene	16.963	284	338461	45.41	ng		96
69) Atrazine	17.051	200	244671	43.61	ng		99
70) Pentachlorophenol	17.298	266	296691	83.21	ng		100
71) Phenanthrene	17.663	178	1441146	45.99	ng		99
72) Anthracene	17.757	178	1489571	49.22	ng		99
73) Carbazole	18.010	167	1319549	47.00	ng		99
74) Di-n-butylphthalate	18.522	149	1594409	49.06	ng		99
75) Fluoranthene	19.598	202	1678536	46.43	ng		99
77) Benzidine	19.751	184	635932	52.53	ng		100
78) Pyrene	19.951	202	1709155	49.08	ng		98
80) Butylbenzylphthalate	20.763	149	704889	54.32	ng	#	85
81) Benzo(a)anthracene	21.639	228	1594707	47.12	ng		98
82) 3,3'-Dichlorobenzidine	21.551	252	498302	42.68	ng		98
83) Chrysene	21.698	228	1528551	47.01	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	986719	51.58	ng		99
85) Di-n-octyl phthalate	22.445	149	1683903	52.84	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.692	276	1794980	47.17	ng		98
88) Benzo(b)fluoranthene	23.380	252	1678317	48.62	ng		99
89) Benzo(k)fluoranthene	23.427	252	1513560	44.41	ng		99
90) Benzo(a)pyrene	24.021	252	1438022	45.00	ng		98
91) Dibenzo(a,h)anthracene	26.686	278	1528791	48.20	ng		97
92) Benzo(g,h,i)perylene	27.480	276	1512212	49.26	ng		97

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

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