Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007339.D
Acq On : 05 Oct 2021 22:55
Operator : CG/JU
Sample : M4066-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NYPD-69TH-SOILMSD

Manual Integrations APPROVED
mohammad
10/8/2021 8:33:02 AM

Quant Time: Oct 06 05:27:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.857	152	137189	20.00	ng		0.00
21) Naphthalene-d8	10.657	136	521103	20.00	ng		# 0.00
39) Acenaphthene-d10	14.492	164	311408	20.00	ng		0.00
64) Phenanthrene-d10	17.245	188	630892	20.00	ng		0.00
76) Chrysene-d12	21.339	240	734170	20.00	ng		0.00
86) Perylene-d12	23.733	264	831293	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1036685	126.49	ng		-0.01
7) Phenol-d6	7.040	99	1260648	112.54	ng		-0.01
23) Nitrobenzene-d5	9.022	82	730468	81.63	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	479533	118.78	ng		-0.01
45) 2-Fluorobiphenyl	13.116	172	1713893	78.85	ng		-0.01
79) Terphenyl-d14	19.804	244	2611146	68.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	148104	44.69	ng	#	87
3) Pyridine	3.740	79	348439	38.42	ng	#	85
4) n-Nitrosodimethylamine	3.646	42	175619	56.49	ng	#	88
6) Aniline	7.187	93	414068	33.54	ng		100
8) 2-Chlorophenol	7.428	128	436717	49.03	ng		98
9) Benzaldehyde	6.999	77	265265m	42.04	ng		
10) Phenol	7.069	94	525538	48.66	ng		93
11) bis(2-Chloroethyl)ether	7.287	93	394498	46.28	ng		94
12) 1,3-Dichlorobenzene	7.746	146	477495	47.53	ng		98
13) 1,4-Dichlorobenzene	7.893	146	482735	47.13	ng		98
14) 1,2-Dichlorobenzene	8.210	146	462200	46.57	ng		97
15) Benzyl Alcohol	8.110	79	352291	49.11	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.393	45	448512	45.95	ng		91
17) 2-Methylphenol	8.316	107	346764	47.63	ng		95
18) Hexachloroethane	8.934	117	171161	49.77	ng		95
19) n-Nitroso-di-n-propyla...	8.669	70	275286	45.19	ng		99
20) 3+4-Methylphenols	8.646	107	468003	46.49	ng		95
22) Acetophenone	8.687	105	611642	48.71	ng	#	98
24) Nitrobenzene	9.063	77	428574	50.24	ng		98
25) Isophorone	9.593	82	741475	47.52	ng		98
26) 2-Nitrophenol	9.775	139	227318	51.10	ng	#	91
27) 2,4-Dimethylphenol	9.840	122	383577	54.76	ng		97
28) bis(2-Chloroethoxy)met...	10.069	93	481929	43.78	ng		99
29) 2,4-Dichlorophenol	10.316	162	396599	48.54	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	437717	47.02	ng		97
31) Naphthalene	10.710	128	1282926	48.24	ng		99
32) Benzoic acid	10.010	122	257070	47.75	ng		98
33) 4-Chloroaniline	10.828	127	182817	16.64	ng		100
34) Hexachlorobutadiene	10.987	225	266932	47.89	ng		98
35) Caprolactam	11.634	113	118045	46.96	ng	#	70
36) 4-Chloro-3-methylphenol	11.963	107	390876	47.06	ng		99
37) 2-Methylnaphthalene	12.322	142	917855	49.29	ng		97
38) 1-Methylnaphthalene	12.540	142	863816	47.47	ng		99
40) 1,2,4,5-Tetrachloroben...	12.687	216	472910	49.59	ng		99
41) Hexachlorocyclopentadiene	12.663	237	322088	60.94	ng		97
43) 2,4,6-Trichlorophenol	12.934	196	311939	47.94	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	336826	48.07	ng		96
46) 1,1'-Biphenyl	13.328	154	1086205	46.89	ng		99
47) 2-Chloronaphthalene	13.369	162	866789	48.31	ng		98
48) 2-Nitroaniline	13.581	65	235699	53.88	ng		99
49) Acenaphthylene	14.216	152	1391444	50.35	ng		100
50) Dimethylphthalate	13.957	163	1079326	48.19	ng		100
51) 2,6-Dinitrotoluene	14.075	165	228887	50.03	ng		98
52) Acenaphthene	14.557	154	857245	51.20	ng		99
53) 3-Nitroaniline	14.410	138	132666	26.82	ng		99
54) 2,4-Dinitrophenol	14.628	184	172489	65.45	ng		96
55) Dibenzofuran	14.892	168	1325414	47.45	ng		97
56) 4-Nitrophenol	14.739	139	396268	98.67	ng	#	87
57) 2,4-Dinitrotoluene	14.869	165	313112	51.86	ng		98
58) Fluorene	15.545	166	1113409	51.59	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.128	232	283990	46.15	ng		96
60) Diethylphthalate	15.316	149	1011392	46.60	ng		99
61) 4-Chlorophenyl-phenyle...	15.534	204	517960	45.42	ng		94
62) 4-Nitroaniline	15.575	138	224969	45.22	ng	#	85
63) Azobenzene	15.828	77	910412	48.41	ng		96
65) 4,6-Dinitro-2-methylph...	15.639	198	120147	31.73	ng		96
66) n-Nitrosodiphenylamine	15.751	169	897862	47.83	ng		99
67) 4-Bromophenyl-phenylether	16.434	248	317569	45.93	ng		95
68) Hexachlorobenzene	16.551	284	367424	48.08	ng		99
69) Atrazine	16.716	200	329302	49.77	ng		98
70) Pentachlorophenol	16.904	266	452844	95.42	ng		99
71) Phenanthrene	17.292	178	3153545	93.22	ng		99
72) Anthracene	17.381	178	2077002	62.76	ng		99
73) Carbazole	17.657	167	1610517	49.67	ng		99
74) Di-n-butylphthalate	18.204	149	1776056	49.42	ng		99
75) Fluoranthene	19.263	202	3631165	93.17	ng		98
77) Benzidine	19.439	184	1474608	65.36	ng		100
78) Pyrene	19.610	202	3698298	76.78	ng		98
80) Butylbenzylphthalate	20.480	149	871871	45.20	ng		98
81) Benzo(a)anthracene	21.322	228	3173996	66.60	ng		98
82) 3,3'-Dichlorobenzidine	21.251	252	787073	48.09	ng		99
83) Chrysene	21.374	228	2966400	65.13	ng		97
84) Bis(2-ethylhexyl)phtha...	21.239	149	1309475	47.22	ng		98
85) Di-n-octyl phthalate	22.157	149	2445180	51.79	ng		99
87) Indeno(1,2,3-cd)pyrene	26.262	276	3391060	56.76	ng		96
88) Benzo(b)fluoranthene	23.004	252	3223698	64.89	ng	#	98
89) Benzo(k)fluoranthene	23.051	252	2854280	56.75	ng	#	98
90) Benzo(a)pyrene	23.633	252	3137561	74.34	ng	#	98
91) Dibenzo(a,h)anthracene	26.274	278	2628851	52.51	ng	#	97
92) Benzo(g,h,i)perylene	27.033	276	2849624	58.33	ng	#	94

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

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