Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001394.D
Acq On : 24 Dec 2019 19:04
Operator : JU
Sample : K6372-13MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3MS

Manual Integrations APPROVED
mohammad
12/26/2019 4:01:32 PM

Quant Time: Dec 25 04:57:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	54897	20.00	ng		0.00
21) Naphthalene-d8	10.33	136	203846	20.00	ng		0.00
39) Acenaphthene-d10	13.19	164	114888	20.00	ng		0.00
64) Phenanthrene-d10	15.59	188	216512	20.00	ng		0.00
76) Chrysene-d12	19.23	240	151382	20.00	ng		0.00
87) Perylene-d12	21.00	264	144494	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	203395	59.88	ng		0.00
7) Phenol-d6	7.76	99	167174	37.72	ng		0.00
23) Nitrobenzene-d5	9.19	82	438949	82.69	ng		0.01
42) 2,4,6-Tribromophenol	14.49	330	193364	134.62	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	816891	89.91	ng		0.00
79) Terphenyl-d14	17.87	244	846190	95.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	22095	15.806	ng		97
3) Pyridine	3.43	79	49813	13.045	ng		97
4) n-Nitrosodimethylamine	3.32	42	51497	21.298	ng		98
6) Aniline	7.77	93	72390	12.974	ng		86
8) 2-Chlorophenol	7.96	128	134806	39.477	ng		95
9) Benzaldehyde	7.59	77	161181	51.840	ng		96
10) Phenol	7.78	94	75101	14.830	ng		97
11) bis(2-Chloroethyl)ether	7.90	93	167788	46.833	ng		99
12) 1,3-Dichlorobenzene	8.19	146	159334	37.460	ng		100
13) 1,4-Dichlorobenzene	8.32	146	167230	38.590	ng		100
14) 1,2-Dichlorobenzene	8.55	146	162275	39.307	ng		96
15) Benzyl Alcohol	8.53	79	129458	31.129	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.75	45	226083	39.845	ng		86
17) 2-Methylphenol	8.73	107	94511	31.320	ng	#	93
18) Hexachloroethane	9.09	117	73319	39.772	ng	#	25
19) n-Nitroso-di-n-propylamine	8.97	70	141098	44.843	ng		98
20) 3+4-Methylphenols	8.98	107	110521	27.600	ng		96
22) Acetophenone	8.94	105	368453	57.158	ng	#	96
24) Nitrobenzene	9.21	77	229763	43.977	ng		97
25) Isophorone	9.60	82	366960	42.993	ng		99
26) 2-Nitrophenol	9.72	139	84691	45.459	ng		93
27) 2,4-Dimethylphenol	9.82	122	127440	46.510	ng		99
28) bis(2-Chloroethoxy)methane	9.97	93	209040	41.005	ng		98
29) 2,4-Dichlorophenol	10.12	162	141574	41.728	ng		99
30) 1,2,4-Trichlorobenzene	10.25	180	159252	38.160	ng		97
31) Naphthalene	10.37	128	986837	88.686	ng		99
32) Benzoic acid	10.01	122	31768	17.862	ng	#	85
33) 4-Chloroaniline	10.46	127	28508	6.265	ng		96
34) Hexachlorobutadiene	10.58	225	101425	34.844	ng		95
36) 4-Chloro-3-methylphenol	11.28	107	142328	35.898	ng		97
37) 2-Methylnaphthalene	11.49	142	364642	47.467	ng		98
38) 1-Methylnaphthalene	11.65	142	412220m	57.078	ng		
40) 1,2,4,5-Tetrachlorobenzene	11.77	216	186996	44.020	ng	#	96
41) Hexachlorocyclopentadiene	11.76	237	197193	93.856	ng		97

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	11.96	196	116973	44.774	ng		98
44) 2,4,5-Trichlorophenol	12.02	196	119805	44.633	ng		96
46) 1,1'-Biphenyl	12.26	154	426693	44.382	ng		99
47) 2-Chloronaphthalene	12.28	162	328311	42.241	ng		96
48) 2-Nitroaniline	12.46	65	117462	37.742	ng		98
49) Acenaphthylene	12.96	152	494438	43.518	ng		99
50) Dimethylphthalate	12.79	163	412969	43.815	ng		98
51) 2,6-Dinitrotoluene	12.87	165	83471	43.615	ng		84
52) Acenaphthene	13.25	154	296713	43.344	ng		99
53) 3-Nitroaniline	13.12	138	15104	7.353	ng		95
54) 2,4-Dinitrophenol	13.31	184	77845	105.337	ng		87
55) Dibenzofuran	13.53	168	480131	44.765	ng		98
56) 4-Nitrophenol	13.45	139	45946	31.280	ng		90
57) 2,4-Dinitrotoluene	13.53	165	112222	42.189	ng	#	92
58) Fluorene	14.09	166	381256	44.442	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.74	232	101141m	43.888	ng		
60) Diethylphthalate	13.95	149	401556	41.306	ng		98
61) 4-Chlorophenyl-phenylether	14.10	204	198697	44.061	ng		96
62) 4-Nitroaniline	12.46	138	92225	38.770	ng		89
63) Azobenzene	14.37	77	423492	41.379	ng		97
65) 4,6-Dinitro-2-methylphenol	14.19	198	55396	57.129	ng		86
66) n-Nitrosodiphenylamine	14.30	169	313929	45.735	ng		99
67) 4-Bromophenyl-phenylether	14.90	248	115240	45.019	ng		91
68) Hexachlorobenzene	14.99	284	126537	43.421	ng		93
69) Atrazine	15.21	200	101213	41.051	ng		98
70) Pentachlorophenol	15.31	266	152675	102.161	ng		94
71) Phenanthrene	15.62	178	535308	43.335	ng		100
72) Anthracene	15.70	178	544979	44.567	ng		99
73) Carbazole	15.95	167	458375	42.044	ng		99
74) Di-n-butylphthalate	16.50	149	627574	41.947	ng		99
75) Fluoranthene	17.33	202	548656	39.722	ng		99
77) Benzidine	17.53	184	9011	2.044	ng	#	85
78) Pyrene	17.64	202	540128	45.953	ng		99
80) Butylbenzylphthalate	18.52	149	241071	43.993	ng		92
81) Benzo(a)anthracene	19.22	228	469738	42.584	ng		99
82) 3,3'-Dichlorobenzidine	19.19	252	96772	25.264	ng		99
83) Chrysene	19.27	228	453850	42.626	ng		99
84) Bis(2-ethylhexyl)phthalate	19.27	149	375590	46.710	ng		99
85) Di-n-octyl phthalate	20.05	149	580997	43.595	ng		97
86) Indeno(1,2,3-cd)pyrene	22.63	276	438997	38.177	ng		96
88) Benzo(b)fluoranthene	20.52	252	421774	44.447	ng		100
89) Benzo(k)fluoranthene	20.55	252	402563	44.534	ng	#	98
90) Benzo(a)pyrene	20.93	252	367993	42.569	ng	#	98
91) Dibenzo(a,h)anthracene	22.66	278	375954	44.480	ng		98
92) Benzo(g,h,i)perylene	23.12	276	361238	44.727	ng		96

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

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