Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003280.D
Acq On : 24 Oct 2018 20:17
Operator : MJ/SJ
Sample : J5164-03
Misc : MDL 1PPM
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 25 06:50:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 14:21:25 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Manual Integrations APPROVED
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10/25/2018 3:20:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	98646	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	449396	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	287946	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	673907	20.00	ng		0.00
76) Chrysene-d12	21.21	240	766107	20.00	ng		0.00
87) Perylene-d12	23.42	264	803475	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	776057	137.02	ng		0.00
7) Phenol-d6	6.80	99	1077100	133.74	ng		0.00
23) Nitrobenzene-d5	8.76	82	649328	82.86	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	546729	141.01	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1738758	81.91	ng		0.00
79) Terphenyl-d14	19.64	244	2800057	78.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	2582	0.960	ng	#	91
3) Pyridine	3.67	79	1691	0.275	ng	#	65
4) n-Nitrosodimethylamine	3.56	42	1460	0.645	ng	#	51
6) Aniline	6.95	93	6707	0.667	ng	#	91
8) 2-Chlorophenol	7.17	128	7193	1.031	ng	#	68
9) Benzaldehyde	6.80	77	5815	1.243	ng	#	57
10) Phenol	6.82	94	8366	0.984	ng	#	20
11) bis(2-Chloroethyl)ether	7.05	93	6245	0.900	ng		94
12) 1,3-Dichlorobenzene	7.49	146	7770	1.002	ng		91
13) 1,4-Dichlorobenzene	7.63	146	7788	0.975	ng		92
14) 1,2-Dichlorobenzene	7.95	146	7500	0.968	ng		96
15) Benzyl Alcohol	7.91	79	13737	2.367	ng	#	45
16) 2,2'-oxybis(1-Chloropropan	8.13	45	9968	0.979	ng		88
17) 2-Methylphenol	8.08	107	4856	0.836	ng	#	90
18) Hexachloroethane	8.66	117	2669	0.954	ng		92
19) n-Nitroso-di-n-propylamine	8.41	70	4988	0.859	ng	#	87
20) 3+4-Methylphenols	8.45	107	3928	0.476	ng	#	17
22) Acetophenone	8.44	105	10048	0.922	ng	#	95
24) Nitrobenzene	8.80	77	8357	1.045	ng		93
25) Isophorone	9.33	82	14476	1.053	ng		98
26) 2-Nitrophenol	9.53	139	2159	0.513	ng	#	78
27) 2,4-Dimethylphenol	9.65	122	4723	0.798	ng		93
28) bis(2-Chloroethoxy)methane	9.85	93	8909	0.962	ng	#	89
29) 2,4-Dichlorophenol	10.16	162	4345	0.643	ng		88
30) 1,2,4-Trichlorobenzene	10.26	180	7555	0.984	ng		97
31) Naphthalene	10.43	128	24061	1.096	ng		99
32) Benzoic acid	9.65	122	4723	5.842	ng	#	11
33) 4-Chloroaniline	10.62	127	5164	0.532	ng	#	94
34) Hexachlorobutadiene	10.70	225	4010	0.875	ng		94
35) Caprolactam	11.37	113	538	0.203	ng	#	63
36) 4-Chloro-3-methylphenol	11.76	107	6009	0.798	ng	#	95
37) 2-Methylnaphthalene	12.06	142	17557	1.119	ng		96
38) 1-Methylnaphthalene	12.27	142	17926	1.170	ng	#	97
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	9132	0.959	ng	#	91

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.72	196	4394m	0.730	ng		
44) 2,4,5-Trichlorophenol	12.72	196	4394	0.700	ng	#	74
46) 1,1'-Biphenyl	13.08	154	26227	1.038	ng		97
47) 2-Chloronaphthalene	13.13	162	17750	0.952	ng		96
48) 2-Nitroaniline	13.39	65	3617	0.660	ng	#	77
49) Acenaphthylene	13.97	152	28467	0.998	ng		97
50) Dimethylphthalate	13.73	163	22730	0.976	ng		100
51) 2,6-Dinitrotoluene	13.87	165	3895	0.737	ng	#	82
52) Acenaphthene	14.31	154	18055	1.044	ng		95
53) 3-Nitroaniline	14.23	138	2477	0.438	ng	#	59
55) Dibenzofuran	14.66	168	28390	1.009	ng		96
56) 4-Nitrophenol	14.66	139	9859	7.677	ng	#	11
57) 2,4-Dinitrotoluene	14.67	165	2847	0.397	ng	#	63
58) Fluorene	15.30	166	23085	1.064	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.91	232	4228	0.767	ng	#	87
60) Diethylphthalate	15.08	149	22555	0.955	ng		95
61) 4-Chlorophenyl-phenylether	15.30	204	11299	0.937	ng		98
62) 4-Nitroaniline	15.45	138	2219	0.402	ng		91
63) Azobenzene	15.59	77	20259	0.928	ng		96
65) 4,6-Dinitro-2-methylphenol	15.52	198	963	0.205	ng	#	1
66) n-Nitrosodiphenylamine	15.53	169	19005	0.901	ng		96
67) 4-Bromophenyl-phenylether	16.20	248	7403	0.975	ng		92
68) Hexachlorobenzene	16.32	284	8429	0.975	ng		96
69) Atrazine	16.49	200	6091	0.815	ng		91
70) Pentachlorophenol	16.72	266	261	6.587	ng	#	18
71) Phenanthrene	17.05	178	39429	1.113	ng		98
72) Anthracene	17.16	178	36751	1.040	ng		98
73) Carbazole	17.45	167	32932	0.900	ng		97
74) Di-n-butylphthalate	17.97	149	34971	0.819	ng		98
75) Fluoranthene	19.09	202	43972	1.053	ng		98
77) Benzidine	19.32	184	6076	0.271	ng		94
78) Pyrene	19.45	202	45200	1.004	ng		98
80) Butylbenzylphthalate	20.34	149	16960	0.811	ng		99
81) Benzo(a)anthracene	21.19	228	49281	1.105	ng		99
82) 3,3'-Dichlorobenzidine	21.15	252	12893	0.698	ng		95
83) Chrysene	21.25	228	48138	1.122	ng		98
84) Bis(2-ethylhexyl)phthalate	21.12	149	26826	0.865	ng		100
85) Di-n-octyl phthalate	21.99	149	50098	0.942	ng		99
86) Indeno(1,2,3-cd)pyrene	25.65	276	51366	1.045	ng		98
88) Benzo(b)fluoranthene	22.77	252	46428	1.049	ng		96
89) Benzo(k)fluoranthene	22.82	252	50106	1.155	ng		98
90) Benzo(a)pyrene	23.32	252	44742m	1.061	ng		
91) Dibenzo(a,h)anthracene	25.65	278	43227	1.036	ng	#	93
92) Benzo(g,h,i)perylene	26.34	276	42906	1.071	ng		98

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

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