Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003279.D
Acq On : 24 Oct 2018 19:41
Operator : MJ/SJ
Sample : J5164-02
Misc : LOQ 20PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT4-2018

Quant Time: Oct 25 05:23:03 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	99619	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	461412	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	288925	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	684523	20.00	ng	0.00
76) Chrysene-d12	21.21	240	741474	20.00	ng	0.00
87) Perylene-d12	23.42	264	741164	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	848574	148.37	ng	0.00
7) Phenol-d6	6.80	99	1206237	148.32	ng	0.00
23) Nitrobenzene-d5	8.76	82	663847	82.51	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	562078	144.48	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1738917	81.64	ng	0.00
79) Terphenyl-d14	19.64	244	2742702	79.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	45846	16.882	ng	98
3) Pyridine	3.59	79	114986	18.529	ng	95
4) n-Nitrosodimethylamine	3.52	42	50422	22.069	ng	98
6) Aniline	6.95	93	199859	19.679	ng	99
8) 2-Chlorophenol	7.18	128	149407	21.209	ng	99
9) Benzaldehyde	6.76	77	97777	20.701	ng	98
10) Phenol	6.83	94	190046	22.144	ng	99
11) bis(2-Chloroethyl)ether	7.04	93	137250	19.579	ng	96
12) 1,3-Dichlorobenzene	7.49	146	154454	19.720	ng	98
13) 1,4-Dichlorobenzene	7.63	146	159107	19.728	ng	99
14) 1,2-Dichlorobenzene	7.95	146	153615	19.626	ng	99
15) Benzyl Alcohol	7.85	79	112850	19.256	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	207944	20.233	ng	99
17) 2-Methylphenol	8.06	107	129079	22.006	ng	99
18) Hexachloroethane	8.65	117	55900	19.785	ng	94
19) n-Nitroso-di-n-propylamine	8.40	70	116610	19.884	ng	98
20) 3+4-Methylphenols	8.39	107	178963	21.479	ng	99
22) Acetophenone	8.42	105	226440	20.246	ng	99
24) Nitrobenzene	8.80	77	168009	20.464	ng	98
25) Isophorone	9.31	82	323541	22.925	ng	99
26) 2-Nitrophenol	9.50	139	86389	19.992	ng	98
27) 2,4-Dimethylphenol	9.58	122	144501	23.783	ng	96
28) bis(2-Chloroethoxy)methane	9.79	93	203051	21.356	ng	98
29) 2,4-Dichlorophenol	10.05	162	150299	21.677	ng	98
30) 1,2,4-Trichlorobenzene	10.24	180	152289	19.320	ng	99
31) Naphthalene	10.42	128	481214	21.342	ng	99
32) Benzoic acid	9.74	122	66721	16.504	ng	100
33) 4-Chloroaniline	10.55	127	181711	18.238	ng	99
34) Hexachlorobutadiene	10.69	225	87339	18.568	ng	97
35) Caprolactam	11.32	113	53314	19.638	ng	97
36) 4-Chloro-3-methylphenol	11.69	107	166346	21.511	ng	99
37) 2-Methylnaphthalene	12.04	142	369067	22.904	ng	99
38) 1-Methylnaphthalene	12.26	142	351130	22.311	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	179837	18.815	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	61932	22.204	ng	98
43) 2,4,6-Trichlorophenol	12.68	196	123123	20.388	ng	99
44) 2,4,5-Trichlorophenol	12.76	196	132247	20.995	ng	99
46) 1,1'-Biphenyl	13.06	154	475278	18.743	ng	99
47) 2-Chloronaphthalene	13.11	162	364861	19.506	ng	99
48) 2-Nitroaniline	13.33	65	109580	19.938	ng	97
49) Acenaphthylene	13.96	152	616781	21.543	ng	99
50) Dimethylphthalate	13.70	163	483987	20.717	ng	99
51) 2,6-Dinitrotoluene	13.83	165	110174	20.779	ng	97
52) Acenaphthene	14.30	154	358836	20.686	ng	100
53) 3-Nitroaniline	14.17	138	96498	17.025	ng	98
54) 2,4-Dinitrophenol	14.41	184	50577	21.703	ng	94
55) Dibenzofuran	14.65	168	578167	20.486	ng	99
56) 4-Nitrophenol	14.53	139	66101	20.503	ng	95
57) 2,4-Dinitrotoluene	14.65	165	150942	20.995	ng	98
58) Fluorene	15.30	166	473622	21.748	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	119521	21.608	ng	98
60) Diethylphthalate	15.07	149	487028	20.544	ng	98
61) 4-Chlorophenyl-phenylether	15.29	204	238882	19.743	ng	99
62) 4-Nitroaniline	15.35	138	113817	20.554	ng	96
63) Azobenzene	15.59	77	459098	20.955	ng	99
65) 4,6-Dinitro-2-methylphenol	15.42	198	86212	18.050	ng	99
66) n-Nitrosodiphenylamine	15.52	169	420622	19.629	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	149213	19.355	ng	95
68) Hexachlorobenzene	16.31	284	169355	19.283	ng	99
69) Atrazine	16.47	200	155626	20.492	ng	97
70) Pentachlorophenol	16.67	266	51532	17.200	ng	95
71) Phenanthrene	17.04	178	767422	21.325	ng	99
72) Anthracene	17.13	178	783991	21.832	ng	100
73) Carbazole	17.42	167	716257	19.260	ng	99
74) Di-n-butylphthalate	17.97	149	875337	20.179	ng	99
75) Fluoranthene	19.07	202	906995	21.393	ng	99
77) Benzidine	19.26	184	303928	14.001	ng	99
78) Pyrene	19.43	202	923703	21.196	ng	99
80) Butylbenzylphthalate	20.34	149	409705	20.247	ng	98
81) Benzo(a)anthracene	21.19	228	922446	21.363	ng	99
82) 3,3'-Dichlorobenzidine	21.13	252	304837	17.059	ng	99
83) Chrysene	21.25	228	876467	21.115	ng	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	610163	20.333	ng	100
85) Di-n-octyl phthalate	21.99	149	1045311	20.299	ng	100
86) Indeno(1,2,3-cd)pyrene	25.62	276	935670	19.669	ng	100
88) Benzo(b)fluoranthene	22.75	252	902369	22.112	ng	99
89) Benzo(k)fluoranthene	22.80	252	893298	22.319	ng	100
90) Benzo(a)pyrene	23.32	252	871688	22.413	ng	98
91) Dibenzo(a,h)anthracene	25.62	278	792670	20.591	ng	98
92) Benzo(g,h,i)perylene	26.29	276	763597	20.662	ng	98

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

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