Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011623\
Data File : BP013478.D
Acq On : 16 Jan 2023 12:54
Operator : CG/JU
Sample : N3214-02
Misc : LOQ-SOIL-5PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 17 03:43:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 03:32:57 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	471334	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	1957275	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	1351257	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	3135900	20.000	ng		0.00
76) Chrysene-d12	21.410	240	3271138	20.000	ng		0.00
86) Perylene-d12	23.874	264	3815535	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	4384462	163.405	ng		0.00
7) Phenol-d6	7.075	99	6067254	159.969	ng		0.00
23) Nitrobenzene-d5	9.081	82	3281703	89.078	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	3464807	164.267	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	8460431	91.528	ng		0.00
79) Terphenyl-d14	19.874	244	12714704	79.466	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	53769	5.110	ng		96
3) Pyridine	3.758	79	147403	4.494	ng		96
4) n-Nitrosodimethylamine	3.658	42	79585	5.060	ng	#	97
6) Aniline	7.234	93	244840	4.831	ng		99
8) 2-Chlorophenol	7.469	128	154480	4.975	ng		97
9) Benzaldehyde	7.046	77	138199m	6.036	ng		
10) Phenol	7.099	94	194200	4.961	ng		93
11) bis(2-Chloroethyl)ether	7.334	93	156856	4.943	ng		97
12) 1,3-Dichlorobenzene	7.793	146	175345	5.360	ng		98
13) 1,4-Dichlorobenzene	7.946	146	177526	5.324	ng		98
14) 1,2-Dichlorobenzene	8.263	146	168857	5.184	ng		98
15) Benzyl Alcohol	8.152	79	134522	4.603	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	250893	5.110	ng		99
17) 2-Methylphenol	8.352	107	128297	4.427	ng		99
18) Hexachloroethane	8.993	117	61275	5.189	ng		98
19) n-Nitroso-di-n-propyla...	8.716	70	130796	4.832	ng		94
20) 3+4-Methylphenols	8.681	107	177969	4.420	ng		97
22) Acetophenone	8.740	105	251378	5.015	ng	#	97
24) Nitrobenzene	9.122	77	195274	5.124	ng		98
25) Isophorone	9.646	82	364314	4.804	ng		98
26) 2-Nitrophenol	9.834	139	82216	4.365	ng		93
27) 2,4-Dimethylphenol	9.893	122	149660	4.826	ng		99
28) bis(2-Chloroethoxy)met...	10.128	93	223132	4.989	ng		99
29) 2,4-Dichlorophenol	10.369	162	150974	4.640	ng		99
30) 1,2,4-Trichlorobenzene	10.581	180	178442	5.182	ng		99
31) Naphthalene	10.769	128	514514	4.971	ng		100
32) Benzoic acid	9.969	122	94511	3.654	ng		97
33) 4-Chloroaniline	10.887	127	209590	4.433	ng		99
34) Hexachlorobutadiene	11.051	225	112234	5.170	ng		97
35) Caprolactam	11.675	113	51686	4.458	ng		98
36) 4-Chloro-3-methylphenol	12.010	107	166464	4.694	ng		99
37) 2-Methylnaphthalene	12.381	142	365969	4.710	ng		99
38) 1-Methylnaphthalene	12.598	142	361216	4.928	ng		97
40) 1,2,4,5-Tetrachloroben...	12.745	216	220361	4.975	ng		98
41) Hexachlorocyclopentadiene	12.722	237	101350	4.389	ng		98
43) 2,4,6-Trichlorophenol	12.992	196	137022	4.499	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.063	196	151341	4.235	ng	98
46)	1,1'-Biphenyl	13.392	154	529213	5.180	ng	99
47)	2-Chloronaphthalene	13.434	162	399919	5.104	ng	98
48)	2-Nitroaniline	13.640	65	104495	4.052	ng	92
49)	Acenaphthylene	14.281	152	646350	5.002	ng	98
50)	Dimethylphthalate	14.010	163	517637	4.831	ng	99
51)	2,6-Dinitrotoluene	14.134	165	100618	4.305	ng	93
52)	Acenaphthene	14.622	154	374220	4.893	ng	96
53)	3-Nitroaniline	14.469	138	97605	3.903	ng	89
54)	2,4-Dinitrophenol	14.681	184	49669	3.127	ng	96
55)	Dibenzofuran	14.957	168	630667	4.974	ng	99
56)	4-Nitrophenol	14.781	139	77951	3.880	ng	93
57)	2,4-Dinitrotoluene	14.928	165	134239	4.200	ng	95
58)	Fluorene	15.610	166	502288	5.020	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.186	232	137455	4.448	ng	99
60)	Diethylphthalate	15.375	149	509740	4.862	ng	98
61)	4-Chlorophenyl-phenyle...	15.598	204	267554	5.035	ng	98
62)	4-Nitroaniline	15.634	138	97872	3.823	ng	96
63)	Azobenzene	15.898	77	448768	4.661	ng	99
65)	4,6-Dinitro-2-methylph...	15.692	198	76095	3.548	ng	89
66)	n-Nitrosodiphenylamine	15.816	169	439935	4.774	ng	100
67)	4-Bromophenyl-phenylether	16.498	248	168844	4.677	ng	97
68)	Hexachlorobenzene	16.616	284	199714	5.080	ng	98
69)	Atrazine	16.775	200	162754	4.823	ng	98
70)	Pentachlorophenol	16.969	266	107857	3.743	ng	97
71)	Phenanthrene	17.363	178	828515	5.007	ng	99
72)	Anthracene	17.451	178	814483	4.838	ng	99
73)	Carbazole	17.728	167	742677	4.843	ng	99
74)	Di-n-butylphthalate	18.269	149	834882	4.691	ng	99
75)	Fluoranthene	19.327	202	1016783	5.116	ng	99
77)	Benzidine	19.510	184	427642	4.400	ng	100
78)	Pyrene	19.680	202	1064939	4.950	ng	98
80)	Butylbenzylphthalate	20.545	149	389399	4.187	ng	94
81)	Benzo(a)anthracene	21.392	228	1132557	5.141	ng	98
82)	3,3'-Dichlorobenzidine	21.327	252	405387	4.925	ng	97
83)	Chrysene	21.451	228	1063028	5.107	ng	98
84)	Bis(2-ethylhexyl)phtha...	21.304	149	610128	4.533	ng	99
85)	Di-n-octyl phthalate	22.251	149	1074298	4.702	ng	97
87)	Indeno(1,2,3-cd)pyrene	26.445	276	1272373	4.611	ng	100
88)	Benzo(b)fluoranthene	23.115	252	1177745	5.199	ng	99
89)	Benzo(k)fluoranthene	23.168	252	1116284	5.077	ng	99
90)	Benzo(a)pyrene	23.762	252	1125868	5.059	ng	99
91)	Dibenzo(a,h)anthracene	26.462	278	1111990	4.840	ng	99
92)	Benzo(g,h,i)perylene	27.233	276	1099690	4.851	ng	98

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

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