Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111521\
Data File : BP007982.D
Acq On : 15 Nov 2021 14:11
Operator : CG/JU
Sample : M4068-02
Misc : LOQ-SOIL 5ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 15 14:41:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 12:21:36 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	123208	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	490597	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	355182	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	812717	20.000	ng	#	0.00
76) Chrysene-d12	21.339	240	999034	20.000	ng	#	0.00
86) Perylene-d12	23.751	264	1136342	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	870553	114.622	ng		0.00
7) Phenol-d6	7.016	99	1164730	115.274	ng		0.00
23) Nitrobenzene-d5	8.999	82	696250	75.946	ng		0.00
42) 2,4,6-Tribromophenol	15.981	330	671941	120.239	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	1784805	70.487	ng		0.00
79) Terphenyl-d14	19.810	244	3106255	63.047	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	15018	4.698	ng		99
3) Pyridine	3.746	79	35540	3.876	ng		97
4) n-Nitrosodimethylamine	3.646	42	17163	5.068	ng		92
6) Aniline	7.169	93	55010	4.821	ng		96
8) 2-Chlorophenol	7.405	128	36526	4.549	ng		99
9) Benzaldehyde	6.981	77	33891	5.201	ng		97
10) Phenol	7.040	94	46217	4.715	ng		85
11) bis(2-Chloroethyl)ether	7.269	93	34726	4.311	ng		97
12) 1,3-Dichlorobenzene	7.728	146	41334	4.578	ng		96
13) 1,4-Dichlorobenzene	7.875	146	42947	4.678	ng		97
14) 1,2-Dichlorobenzene	8.193	146	41125	4.436	ng		98
15) Benzyl Alcohol	8.087	79	32143	4.206	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.369	45	42493	4.365	ng		93
17) 2-Methylphenol	8.293	107	28194	4.176	ng		94
18) Hexachloroethane	8.922	117	14182	4.556	ng		92
19) n-Nitroso-di-n-propyla...	8.652	70	26734	4.250	ng		94
20) 3+4-Methylphenols	8.622	107	38282	4.092	ng		95
22) Acetophenone	8.669	105	53682	4.302	ng	#	97
24) Nitrobenzene	9.040	77	44259	5.051	ng		99
25) Isophorone	9.575	82	69020	4.328	ng	#	97
26) 2-Nitrophenol	9.757	139	18206	4.070	ng	#	90
27) 2,4-Dimethylphenol	9.822	122	32543	4.925	ng		89
28) bis(2-Chloroethoxy)met...	10.057	93	46280	4.374	ng		97
29) 2,4-Dichlorophenol	10.293	162	33974	4.177	ng		92
30) 1,2,4-Trichlorobenzene	10.510	180	40871	4.392	ng		99
31) Naphthalene	10.693	128	118970	4.749	ng		98
32) Benzoic acid	9.910	122	11412	1.999	ng		99
33) 4-Chloroaniline	10.804	127	47996	4.460	ng		99
34) Hexachlorobutadiene	10.981	225	29475	4.635	ng		96
35) Caprolactam	11.593	113	9947	5.569	ng		93
36) 4-Chloro-3-methylphenol	11.940	107	38406	4.179	ng		98
37) 2-Methylnaphthalene	12.304	142	89149	4.869	ng		98
38) 1-Methylnaphthalene	12.522	142	82378m	4.613	ng		
40) 1,2,4,5-Tetrachloroben...	12.675	216	50710	4.285	ng		98
41) Hexachlorocyclopentadiene	12.657	237	18686	3.439	ng		99
43) 2,4,6-Trichlorophenol	12.922	196	30354	3.753	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.992	196	33208	3.779	ng		97
46)	1,1'-Biphenyl	13.316	154	115482	4.353	ng		97
47)	2-Chloronaphthalene	13.357	162	90825	4.377	ng		98
48)	2-Nitroaniline	13.563	65	21363	3.627	ng		92
49)	Acenaphthylene	14.204	152	139545	4.420	ng		99
50)	Dimethylphthalate	13.945	163	123083	4.380	ng		99
51)	2,6-Dinitrotoluene	14.057	165	23847	4.085	ng		97
52)	Acenaphthene	14.545	154	87469	4.629	ng		99
53)	3-Nitroaniline	14.392	138	22602	3.797	ng		97
54)	2,4-Dinitrophenol	14.610	184	7562	2.146	ng		92
55)	Dibenzofuran	14.886	168	148385	4.618	ng		98
56)	4-Nitrophenol	14.722	139	15975	3.293	ng		91
57)	2,4-Dinitrotoluene	14.851	165	31058	3.997	ng		97
58)	Fluorene	15.534	166	117748	4.605	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.116	232	31725	3.964	ng	#	91
60)	Diethylphthalate	15.310	149	118673	4.381	ng		99
61)	4-Chlorophenyl-phenyle...	15.534	204	63834	4.616	ng		95
62)	4-Nitroaniline	15.557	138	22357	3.655	ng		93
63)	Azobenzene	15.828	77	95772	4.200	ng		97
65)	4,6-Dinitro-2-methylph...	15.622	198	14728	2.765	ng		90
66)	n-Nitrosodiphenylamine	15.745	169	104269	4.482	ng		99
67)	4-Bromophenyl-phenylether	16.428	248	41047	4.318	ng		98
68)	Hexachlorobenzene	16.551	284	48342	4.516	ng		92
69)	Atrazine	16.704	200	39135	6.453	ng		99
70)	Pentachlorophenol	16.898	266	23647	3.622	ng		95
71)	Phenanthrene	17.286	178	200183	4.623	ng		99
72)	Anthracene	17.375	178	193514	4.559	ng		99
73)	Carbazole	17.651	167	175533	4.199	ng		100
74)	Di-n-butylphthalate	18.210	149	190706	4.031	ng		99
75)	Fluoranthene	19.257	202	248358	4.530	ng		97
77)	Benzidine	19.439	184	114495	7.469	ng		98
78)	Pyrene	19.610	202	264102	4.421	ng		98
80)	Butylbenzylphthalate	20.492	149	88645	3.594	ng		93
81)	Benzo(a)anthracene	21.321	228	284574	4.327	ng		100
82)	3,3'-Dichlorobenzidine	21.257	252	106358m	3.504	ng		
83)	Chrysene	21.374	228	288141	4.571	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.257	149	143367	4.071	ng	#	97
85)	Di-n-octyl phthalate	22.186	149	244411	3.766	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.262	276	367108	4.475	ng	#	95
88)	Benzo(b)fluoranthene	23.015	252	318832	4.714	ng		98
89)	Benzo(k)fluoranthene	23.063	252	307468	4.550	ng		97
90)	Benzo(a)pyrene	23.645	252	299848	5.183	ng	#	98
91)	Dibenzo(a,h)anthracene	26.286	278	309591	4.549	ng		96
92)	Benzo(g,h,i)perylene	27.033	276	307156	4.578	ng		95

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

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