Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020524\
Data File : BP019560.D
Acq On : 05 Feb 2024 14:29
Operator : MA/JU
Sample : P1187-01
Misc : LOD-MDL-SOIL-8PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 05 14:58:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	77985	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	326443	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	233844	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	542233	20.000	ng		0.00
76) Chrysene-d12	21.392	240	422154	20.000	ng		0.00
86) Perylene-d12	23.809	264	430318	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	460732	95.232	ng		-0.01
7) Phenol-d6	7.075	99	644029	98.726	ng		-0.01
23) Nitrobenzene-d5	9.075	82	508534	67.502	ng		-0.01
42) 2,4,6-Tribromophenol	16.039	330	352828	103.339	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1213145	64.134	ng		0.00
79) Terphenyl-d14	19.868	244	2006752	78.175	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	13904	7.459	ng		96
3) Pyridine	3.787	79	34230	6.773	ng		98
4) n-Nitrosodimethylamine	3.705	42	15465	7.029	ng	#	96
6) Aniline	7.240	93	55868	8.814	ng		99
8) 2-Chlorophenol	7.469	128	34778	7.002	ng		98
9) Benzaldehyde	7.051	77	37960	8.300	ng		92
10) Phenol	7.098	94	47530	7.310	ng		97
11) bis(2-Chloroethyl)ether	7.346	93	36615	7.239	ng		96
12) 1,3-Dichlorobenzene	7.793	146	41927	6.898	ng		95
13) 1,4-Dichlorobenzene	7.946	146	42220	6.857	ng		95
14) 1,2-Dichlorobenzene	8.257	146	41849	7.024	ng		97
15) Benzyl Alcohol	8.151	79	38834	7.451	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.440	45	37408	7.395	ng		98
17) 2-Methylphenol	8.351	107	31742	7.252	ng		96
18) Hexachloroethane	8.981	117	16234	6.802	ng		97
19) n-Nitroso-di-n-propyla...	8.722	70	33826	7.591	ng		96
20) 3+4-Methylphenols	8.681	107	42622	7.135	ng		91
22) Acetophenone	8.740	105	65885	7.085	ng	#	98
24) Nitrobenzene	9.116	77	51814	6.831	ng		98
25) Isophorone	9.640	82	92489	7.049	ng		99
26) 2-Nitrophenol	9.828	139	17365	6.004	ng		98
27) 2,4-Dimethylphenol	9.887	122	30125	8.146	ng		94
28) bis(2-Chloroethoxy)met...	10.134	93	51847	6.984	ng		99
29) 2,4-Dichlorophenol	10.357	162	36824	6.587	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	46057	6.719	ng		96
31) Naphthalene	10.757	128	121596	6.792	ng		100
32) Benzoic acid	9.957	122	18957m	5.261	ng		
33) 4-Chloroaniline	10.875	127	51744	7.815	ng		99
34) Hexachlorobutadiene	11.034	225	32552	6.409	ng		93
35) Caprolactam	11.645	113	12004	7.585	ng	#	89
36) 4-Chloro-3-methylphenol	11.992	107	41760	6.851	ng		96
37) 2-Methylnaphthalene	12.369	142	89105	7.191	ng		99
38) 1-Methylnaphthalene	12.586	142	85733	7.041	ng		98
40) 1,2,4,5-Tetrachloroben...	12.728	216	58725	6.512	ng		98
41) Hexachlorocyclopentadiene	12.704	237	29347	7.203	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	32425	5.938	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	36283	6.051	ng		95
46) 1,1'-Biphenyl	13.381	154	128480	6.884	ng		99
47) 2-Chloronaphthalene	13.422	162	99017	6.463	ng		96
48) 2-Nitroaniline	13.633	65	26913	6.282	ng		91
49) Acenaphthylene	14.263	152	157793	7.341	ng		99
50) Dimethylphthalate	14.010	163	128294	7.167	ng		99
51) 2,6-Dinitrotoluene	14.133	165	25833	6.568	ng		96
52) Acenaphthene	14.604	154	88751	6.653	ng		100
53) 3-Nitroaniline	14.457	138	24356	6.738	ng		89
54) 2,4-Dinitrophenol	14.663	184	10561	5.172	ng		90
55) Dibenzofuran	14.945	168	155888	7.175	ng		99
56) 4-Nitrophenol	14.757	139	18279	6.170	ng		98
57) 2,4-Dinitrotoluene	14.916	165	34016	6.600	ng		99
58) Fluorene	15.592	166	124989	7.222	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.169	232	35095	6.958	ng		99
60) Diethylphthalate	15.380	149	126586	7.109	ng		98
61) 4-Chlorophenyl-phenyle...	15.598	204	69218	7.116	ng		99
62) 4-Nitroaniline	15.622	138	24186	6.384	ng		96
63) Azobenzene	15.886	77	120763	7.014	ng		97
65) 4,6-Dinitro-2-methylph...	15.675	198	15743	5.092	ng		92
66) n-Nitrosodiphenylamine	15.810	169	107006	6.589	ng		98
67) 4-Bromophenyl-phenylether	16.492	248	43072	6.354	ng		99
68) Hexachlorobenzene	16.592	284	50196	6.341	ng		96
69) Atrazine	16.774	200	42136	7.819	ng		99
70) Pentachlorophenol	16.939	266	25084	5.089	ng		97
71) Phenanthrene	17.339	178	201106	7.047	ng		99
72) Anthracene	17.433	178	200409	7.040	ng		99
73) Carbazole	17.710	167	171953	6.649	ng		99
74) Di-n-butylphthalate	18.274	149	187943	6.011	ng		99
75) Fluoranthene	19.310	202	227341	6.522	ng		99
77) Benzidine	19.498	184	92914	10.528	ng		97
78) Pyrene	19.663	202	232769	7.813	ng		99
80) Butylbenzylphthalate	20.557	149	63591	5.715	ng		97
81) Benzo(a)anthracene	21.374	228	202426	6.812	ng		99
82) 3,3'-Dichlorobenzidine	21.315	252	67489	6.232	ng		98
83) Chrysene	21.427	228	188530	6.682	ng		98
84) Bis(2-ethylhexyl)phtha...	21.327	149	82789	4.886	ng	#	99
85) Di-n-octyl phthalate	22.274	149	119494	4.009	ng	#	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	217695	6.609	ng		99
88) Benzo(b)fluoranthene	23.074	252	177465	6.543	ng		99
89) Benzo(k)fluoranthene	23.121	252	169521	6.543	ng		99
90) Benzo(a)pyrene	23.703	252	154271	6.393	ng		98
91) Dibenzo(a,h)anthracene	26.368	278	183120	6.759	ng		97
92) Benzo(g,h,i)perylene	27.109	276	176477	6.421	ng		99

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

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