Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
Data File : BP021962.D
Acq On : 20 Sep 2024 11:08
Operator : RC/JU
Sample : P2403-01
Misc : LOD-MDL-SOIL 4ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 20 17:24:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.711	152	68921	20.000	ng		0.00
21) Naphthalene-d8	10.469	136	260134	20.000	ng		0.00
39) Acenaphthene-d10	14.322	164	203032	20.000	ng		0.00
64) Phenanthrene-d10	17.122	188	523328	20.000	ng		-0.02
76) Chrysene-d12	21.551	240	661687	20.000	ng		-0.01
86) Perylene-d12	24.845	264	836429	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	420550	114.672	ng		0.00
7) Phenol-d6	6.893	99	546969	114.886	ng		0.00
23) Nitrobenzene-d5	8.852	82	422913	86.024	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	542111	144.026	ng		-0.02
45) 2-Fluorobiphenyl	12.934	172	1165481	83.796	ng		0.00
79) Terphenyl-d14	19.851	244	2624220	74.500	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	6023	3.955	ng		95
3) Pyridine	3.664	79	12748	3.139	ng		96
4) n-Nitrosodimethylamine	3.564	42	9228	4.307	ng	#	86
6) Aniline	7.052	93	18740	4.479	ng		97
8) 2-Chlorophenol	7.281	128	15069	3.843	ng		90
9) Benzaldehyde	6.864	77	15527	6.237	ng		94
10) Phenol	6.916	94	17929	3.792	ng	#	75
11) bis(2-Chloroethyl)ether	7.140	93	13550	3.804	ng		99
12) 1,3-Dichlorobenzene	7.605	146	19152	3.868	ng		96
13) 1,4-Dichlorobenzene	7.746	146	19355	3.855	ng		98
14) 1,2-Dichlorobenzene	8.058	146	17881	3.710	ng		90
15) Benzyl Alcohol	7.946	79	14143	3.873	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.222	45	15431	4.062	ng		95
17) 2-Methylphenol	8.146	107	10826	3.389	ng	#	88
18) Hexachloroethane	8.781	117	6898	3.736	ng		93
19) n-Nitroso-di-n-propyla...	8.499	70	11693	3.951	ng	#	96
20) 3+4-Methylphenols	8.475	107	15929	3.532	ng		94
22) Acetophenone	8.516	105	25402	4.003	ng	#	95
24) Nitrobenzene	8.887	77	19418	3.889	ng		92
25) Isophorone	9.416	82	31639	3.904	ng		98
26) 2-Nitrophenol	9.587	139	7134	3.268	ng	#	87
27) 2,4-Dimethylphenol	9.657	122	6522	2.580	ng		98
28) bis(2-Chloroethoxy)met...	9.887	93	17563	3.614	ng		96
29) 2,4-Dichlorophenol	10.128	162	14811	3.452	ng		92
30) 1,2,4-Trichlorobenzene	10.340	180	20488	3.834	ng		97
31) Naphthalene	10.522	128	50218	3.869	ng		96
32) Benzoic acid	9.722	122	8116m	2.746	ng		
33) 4-Chloroaniline	10.628	127	18600	3.973	ng		98
34) Hexachlorobutadiene	10.810	225	16238	3.884	ng		96
35) Caprolactam	11.393	113	4101	3.212	ng		93
36) 4-Chloro-3-methylphenol	11.751	107	15619	3.393	ng		92
37) 2-Methylnaphthalene	12.128	142	36204	3.812	ng		97
38) 1-Methylnaphthalene	12.346	142	34709	3.702	ng	#	92
40) 1,2,4,5-Tetrachloroben...	12.499	216	27746	3.906	ng		99
41) Hexachlorocyclopentadiene	12.475	237	6492	2.460	ng		93
43) 2,4,6-Trichlorophenol	12.734	196	15194	3.485	ng		88

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	17014	3.479	ng		93
46) 1,1'-Biphenyl	13.140	154	57443	4.149	ng		97
47) 2-Chloronaphthalene	13.187	162	41420	3.700	ng		97
48) 2-Nitroaniline	13.381	65	10019	3.278	ng		95
49) Acenaphthylene	14.040	152	62601	3.963	ng		96
50) Dimethylphthalate	13.769	163	57108	3.878	ng		99
51) 2,6-Dinitrotoluene	13.887	165	10788	3.288	ng	#	80
52) Acenaphthene	14.381	154	39660	3.858	ng		94
53) 3-Nitroaniline	14.222	138	9369	3.204	ng	#	97
54) 2,4-Dinitrophenol	14.434	184	5626	2.926	ng		93
55) Dibenzofuran	14.722	168	68701	3.976	ng		98
56) 4-Nitrophenol	14.545	139	7643	3.003	ng		97
57) 2,4-Dinitrotoluene	14.693	165	14054	3.030	ng		98
58) Fluorene	15.387	166	56041	3.884	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.957	232	17767	3.764	ng	#	98
60) Diethylphthalate	15.151	149	57852	3.866	ng		97
61) 4-Chlorophenyl-phenyle...	15.387	204	33384	3.974	ng		99
62) 4-Nitroaniline	15.398	138	10721	3.334	ng		97
63) Azobenzene	15.681	77	47523	3.838	ng		96
65) 4,6-Dinitro-2-methylph...	15.463	198	9273	3.057	ng		94
66) n-Nitrosodiphenylamine	15.592	169	48798	3.745	ng		99
67) 4-Bromophenyl-phenylether	16.298	248	22905	3.755	ng		89
68) Hexachlorobenzene	16.410	284	28106	3.695	ng		98
69) Atrazine	16.563	200	20472	4.385	ng		97
70) Pentachlorophenol	16.769	266	16294	3.184	ng		94
71) Phenanthrene	17.163	178	98742	3.931	ng		99
72) Anthracene	17.251	178	89397	3.676	ng		98
73) Carbazole	17.534	167	84456	3.596	ng		99
74) Di-n-butylphthalate	18.134	149	96007	3.480	ng		99
75) Fluoranthene	19.251	202	127356	3.632	ng		99
77) Benzidine	19.451	184	35508	4.391	ng	#	94
78) Pyrene	19.628	202	136449	3.409	ng		99
80) Butylbenzylphthalate	20.580	149	45114	3.160	ng		99
81) Benzo(a)anthracene	21.533	228	160494	3.775	ng		99
82) 3,3'-Dichlorobenzidine	21.457	252	54025	3.502	ng		99
83) Chrysene	21.598	228	157652	3.938	ng		99
84) Bis(2-ethylhexyl)phtha...	21.474	149	66951	3.195	ng		98
85) Di-n-octyl phthalate	22.739	149	110107	3.094	ng		98
87) Indeno(1,2,3-cd)pyrene	28.562	276	236480	4.251	ng		99
88) Benzo(b)fluoranthene	23.804	252	175043	3.539	ng		99
89) Benzo(k)fluoranthene	23.869	252	171273	3.659	ng		98
90) Benzo(a)pyrene	24.686	252	159223	3.736	ng	#	98
91) Dibenzo(a,h)anthracene	28.627	278	195177	4.251	ng		99
92) Benzo(g,h,i)perylene	29.721	276	188690	4.012	ng		97

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

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