Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110824\
Data File : BP022927.D
Acq On : 08 Nov 2024 09:55
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-5 PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 08 10:19:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 23:36:11 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.598	152	56485	20.000	ng		0.00
21) Naphthalene-d8	10.345	136	210508	20.000	ng		0.00
39) Acenaphthene-d10	14.222	164	178269	20.000	ng		0.00
64) Phenanthrene-d10	17.027	188	467156	20.000	ng		0.00
76) Chrysene-d12	21.457	240	569950	20.000	ng		0.00
86) Perylene-d12	24.686	264	687342	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	326647	109.746	ng		0.00
7) Phenol-d6	6.793	99	444233	107.024	ng		0.00
23) Nitrobenzene-d5	8.740	82	370379	83.123	ng		0.00
42) 2,4,6-Tribromophenol	15.733	330	433213	125.372	ng		-0.01
45) 2-Fluorobiphenyl	12.822	172	1013656	81.246	ng		0.00
79) Terphenyl-d14	19.757	244	2457218	80.967	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	5652	4.756	ng	#	95
3) Pyridine	3.593	79	12205	3.741	ng	#	94
4) n-Nitrosodimethylamine	3.493	42	7344	4.669	ng	#	91
6) Aniline	6.940	93	19450	5.621	ng		97
8) 2-Chlorophenol	7.175	128	14392	4.613	ng		94
9) Benzaldehyde	6.763	77	15723	6.554	ng		93
10) Phenol	6.816	94	19067	4.638	ng	#	75
11) bis(2-Chloroethyl)ether	7.034	93	14961	4.817	ng		93
12) 1,3-Dichlorobenzene	7.487	146	18347	4.608	ng		98
13) 1,4-Dichlorobenzene	7.634	146	18986	4.670	ng		91
14) 1,2-Dichlorobenzene	7.940	146	18474	4.700	ng		98
15) Benzyl Alcohol	7.845	79	12664	4.028	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.104	45	16493	4.895	ng		98
17) 2-Methylphenol	8.051	107	11940	4.279	ng		95
18) Hexachloroethane	8.645	117	7074	4.703	ng		92
19) n-Nitroso-di-n-propyla...	8.387	70	13728	4.832	ng	#	91
20) 3+4-Methylphenols	8.387	107	15756	4.040	ng		93
22) Acetophenone	8.410	105	26443	4.719	ng	#	94
24) Nitrobenzene	8.781	77	23086	5.101	ng		94
25) Isophorone	9.298	82	35088	4.653	ng		99
26) 2-Nitrophenol	9.492	139	7588	4.083	ng		95
27) 2,4-Dimethylphenol	9.557	122	7498m	3.533	ng		
28) bis(2-Chloroethoxy)met...	9.775	93	19618	4.580	ng		99
29) 2,4-Dichlorophenol	10.045	162	15585	4.242	ng		85
30) 1,2,4-Trichlorobenzene	10.210	180	21071	4.487	ng		86
31) Naphthalene	10.398	128	46801	4.437	ng		98
32) Benzoic acid	9.675	122	8886m	3.487	ng		
33) 4-Chloroaniline	10.534	127	17280	4.603	ng		97
34) Hexachlorobutadiene	10.669	225	15312	4.445	ng		94
35) Caprolactam	11.304	113	4666m	4.243	ng		
36) 4-Chloro-3-methylphenol	11.669	107	16610	4.055	ng		88
37) 2-Methylnaphthalene	12.016	142	36173	4.579	ng		94
38) 1-Methylnaphthalene	12.228	142	33340	4.252	ng		99
40) 1,2,4,5-Tetrachloroben...	12.392	216	27150	4.499	ng		97
41) Hexachlorocyclopentadiene	12.357	237	2794	1.648	ng		92
43) 2,4,6-Trichlorophenol	12.645	196	15803	4.117	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.739	196	17621m	4.033	ng		
46) 1,1'-Biphenyl	13.033	154	56143	4.738	ng		96
47) 2-Chloronaphthalene	13.080	162	43544	4.428	ng		99
48) 2-Nitroaniline	13.304	65	11718	4.090	ng		96
49) Acenaphthylene	13.939	152	64876	4.724	ng		97
50) Dimethylphthalate	13.669	163	59132	4.530	ng		99
51) 2,6-Dinitrotoluene	13.810	165	11647	3.924	ng	#	82
52) Acenaphthene	14.286	154	37405	4.235	ng		96
53) 3-Nitroaniline	14.157	138	9153	3.796	ng		96
54) 2,4-Dinitrophenol	14.375	184	5659	3.073	ng		92
55) Dibenzofuran	14.627	168	71721	4.624	ng		98
56) 4-Nitrophenol	14.527	139	6464m	3.259	ng		
57) 2,4-Dinitrotoluene	14.622	165	15683	3.655	ng	#	79
58) Fluorene	15.292	166	57402	4.455	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.874	232	19015	4.512	ng		99
60) Diethylphthalate	15.057	149	59734	4.602	ng		99
61) 4-Chlorophenyl-phenyle...	15.286	204	34269	4.512	ng		97
62) 4-Nitroaniline	15.333	138	9519m	3.847	ng		
63) Azobenzene	15.592	77	50205	4.498	ng		99
65) 4,6-Dinitro-2-methylph...	15.404	198	9837	3.461	ng		96
66) n-Nitrosodiphenylamine	15.510	169	48704	4.217	ng		97
67) 4-Bromophenyl-phenylether	16.192	248	24903	4.445	ng		95
68) Hexachlorobenzene	16.321	284	32124	4.476	ng		99
69) Atrazine	16.480	200	22604	5.806	ng		94
70) Pentachlorophenol	16.698	266	17230	3.759	ng		88
71) Phenanthrene	17.074	178	104285	4.613	ng		99
72) Anthracene	17.163	178	92265	4.252	ng		98
73) Carbazole	17.451	167	87281	4.212	ng		99
74) Di-n-butylphthalate	18.039	149	94183	4.078	ng		98
75) Fluoranthene	19.163	202	130996	4.177	ng		98
77) Benzidine	19.368	184	34451	3.059	ng		96
78) Pyrene	19.539	202	141053	4.181	ng		99
80) Butylbenzylphthalate	20.492	149	43843	3.811	ng		97
81) Benzo(a)anthracene	21.439	228	159123	4.487	ng		99
82) 3,3'-Dichlorobenzidine	21.368	252	56090	3.907	ng		98
83) Chrysene	21.504	228	153216	4.612	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	64831	3.927	ng		97
85) Di-n-octyl phthalate	22.592	149	116172	4.211	ng		100
87) Indeno(1,2,3-cd)pyrene	28.339	276	223873	4.829	ng	#	83
88) Benzo(b)fluoranthene	23.668	252	176823	4.379	ng		99
89) Benzo(k)fluoranthene	23.733	252	176116	4.619	ng		97
90) Benzo(a)pyrene	24.539	252	160498	4.645	ng		99
91) Dibenzo(a,h)anthracene	28.397	278	183517	4.827	ng		98
92) Benzo(g,h,i)perylene	29.503	276	173735	4.460	ng		97

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

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