Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
Data File : BP021510.D
Acq On : 15 Aug 2024 12:00
Operator : RC/JU
Sample : P3390-03
Misc : MDL-MDL-SOIL-8ng
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 15 12:32:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	348397	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	1431294	20.000	ng		-0.01
39) Acenaphthene-d10	14.440	164	899064	20.000	ng		-0.02
64) Phenanthrene-d10	17.234	188	1859893	20.000	ng		-0.02
76) Chrysene-d12	21.692	240	1598210	20.000	ng		0.00
86) Perylene-d12	25.086	264	1686397	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	3120628	133.001	ng		0.00
7) Phenol-d6	6.964	99	4443051	129.809	ng		0.00
23) Nitrobenzene-d5	8.952	82	2806192	101.196	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	1253189	125.241	ng		-0.02
45) 2-Fluorobiphenyl	13.057	172	5279194	89.614	ng		0.00
79) Terphenyl-d14	19.963	244	6909177	83.986	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	96793	8.700	ng		99
3) Pyridine	3.705	79	228724	7.365	ng		99
4) n-Nitrosodimethylamine	3.617	42	81277	8.707	ng	#	95
6) Aniline	7.128	93	333732	9.753	ng		100
8) 2-Chlorophenol	7.369	128	180352	8.318	ng		95
9) Benzaldehyde	6.946	77	224834	10.259	ng		97
10) Phenol	6.987	94	290801	8.205	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	243964	8.135	ng		99
12) 1,3-Dichlorobenzene	7.693	146	208014	8.076	ng		99
13) 1,4-Dichlorobenzene	7.840	146	211253	8.123	ng		99
14) 1,2-Dichlorobenzene	8.158	146	200612	8.004	ng		99
15) Benzyl Alcohol	8.028	79	199960	8.142	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	227980	8.255	ng		99
17) 2-Methylphenol	8.234	107	175180	7.818	ng		98
18) Hexachloroethane	8.887	117	82791	7.939	ng		98
19) n-Nitroso-di-n-propyla...	8.605	70	185756	7.857	ng		98
20) 3+4-Methylphenols	8.558	107	229256	7.588	ng		99
22) Acetophenone	8.616	105	368653	8.384	ng	#	98
24) Nitrobenzene	8.987	77	272167	9.037	ng		100
25) Isophorone	9.516	82	515459	7.868	ng		98
26) 2-Nitrophenol	9.699	139	46986	10.502	ng		96
27) 2,4-Dimethylphenol	9.757	122	125930	7.789	ng		94
28) bis(2-Chloroethoxy)met...	9.993	93	317641	7.943	ng		99
29) 2,4-Dichlorophenol	10.234	162	148420	7.770	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	191464	7.818	ng		98
31) Naphthalene	10.640	128	611705	8.181	ng		99
32) Benzoic acid	9.805	122	43308	8.761	ng		94
33) 4-Chloroaniline	10.740	127	240729	8.571	ng		99
34) Hexachlorobutadiene	10.940	225	116502	7.555	ng		98
35) Caprolactam	11.475	113	55686	7.004	ng		99
36) 4-Chloro-3-methylphenol	11.851	107	195995	7.397	ng		99
37) 2-Methylnaphthalene	12.251	142	394686	7.734	ng		98
38) 1-Methylnaphthalene	12.469	142	378001	7.510	ng		100
40) 1,2,4,5-Tetrachloroben...	12.616	216	222437	8.444	ng		99
41) Hexachlorocyclopentadiene	12.604	237	64469	7.722	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	107051	7.316	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	124943	7.685	ng		99
46) 1,1'-Biphenyl	13.263	154	530288	8.337	ng		99
47) 2-Chloronaphthalene	13.304	162	409192	8.263	ng		99
48) 2-Nitroaniline	13.498	65	90094	10.942	ng		96
49) Acenaphthylene	14.157	152	645598	8.868	ng		99
50) Dimethylphthalate	13.893	163	484634	8.049	ng		99
51) 2,6-Dinitrotoluene	13.998	165	76709	9.776	ng		93
52) Acenaphthene	14.498	154	387039	8.103	ng		99
53) 3-Nitroaniline	14.322	138	82155	10.280	ng	#	91
54) 2,4-Dinitrophenol	14.528	184	18101	9.891	ng	#	57
55) Dibenzofuran	14.840	168	622663	8.474	ng		98
56) 4-Nitrophenol	14.622	139	57115	10.435	ng		92
57) 2,4-Dinitrotoluene	14.793	165	86096	10.012	ng		97
58) Fluorene	15.498	166	493034	8.167	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	103470	7.498	ng	#	97
60) Diethylphthalate	15.269	149	464770	7.523	ng		99
61) 4-Chlorophenyl-phenyle...	15.498	204	247426	7.929	ng		100
62) 4-Nitroaniline	15.498	138	84117	9.369	ng		95
63) Azobenzene	15.798	77	619463	8.157	ng		98
65) 4,6-Dinitro-2-methylph...	15.563	198	25868	10.310	ng		97
66) n-Nitrosodiphenylamine	15.716	169	413298	8.292	ng		98
67) 4-Bromophenyl-phenylether	16.410	248	137670	6.994	ng		100
68) Hexachlorobenzene	16.522	284	180260	7.749	ng		96
69) Atrazine	16.681	200	128587	7.514	ng		98
70) Pentachlorophenol	16.869	266	66879	5.267	ng		97
71) Phenanthrene	17.281	178	758889	8.484	ng		99
72) Anthracene	17.369	178	710695	8.102	ng		100
73) Carbazole	17.639	167	666339	7.882	ng		99
74) Di-n-butylphthalate	18.257	149	653333	6.293	ng		99
75) Fluoranthene	19.363	202	809086	7.372	ng		99
77) Benzidine	19.557	184	261713	10.033	ng		97
78) Pyrene	19.739	202	859710	8.230	ng		100
80) Butylbenzylphthalate	20.698	149	181762	7.843	ng		93
81) Benzo(a)anthracene	21.674	228	806668	8.040	ng		99
82) 3,3'-Dichlorobenzidine	21.592	252	233999	7.274	ng		99
83) Chrysene	21.745	228	760307	8.026	ng		99
84) Bis(2-ethylhexyl)phtha...	21.639	149	329416	5.555	ng		98
85) Di-n-octyl phthalate	22.945	149	400870	8.297	ng		96
87) Indeno(1,2,3-cd)pyrene	28.939	276	827763m	7.572	ng		
88) Benzo(b)fluoranthene	24.021	252	732541	7.563	ng		98
89) Benzo(k)fluoranthene	24.092	252	730481	7.731	ng		99
90) Benzo(a)pyrene	24.927	252	648420	7.715	ng		99
91) Dibenzo(a,h)anthracene	29.027	278	693704	7.638	ng		100
92) Benzo(g,h,i)perylene	30.139	276	679547	7.465	ng		98

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

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