Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
Data File : BP021499.D
Acq On : 14 Aug 2024 14:13
Operator : RC/JU
Sample : P3390-02
Misc : LOQ-SOIL-5ng
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 15 03:00:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 15 03:00:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	349904	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1493915	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	1018509	20.000	ng		-0.01
64) Phenanthrene-d10	17.251	188	2238816	20.000	ng		0.00
76) Chrysene-d12	21.698	240	2198600	20.000	ng		0.00
86) Perylene-d12	25.115	264	2373794	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2786967	118.268	ng		0.00
7) Phenol-d6	6.963	99	3996354	116.256	ng		0.00
23) Nitrobenzene-d5	8.952	82	2946676	101.808	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	1397704	123.302	ng		-0.02
45) 2-Fluorobiphenyl	13.057	172	5999172	89.893	ng		0.00
79) Terphenyl-d14	19.980	244	9792562	86.529	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	61308	5.487	ng		99
3) Pyridine	3.711	79	144698	4.639	ng		96
4) n-Nitrosodimethylamine	3.623	42	49381	5.267	ng	#	97
6) Aniline	7.128	93	210248	6.118	ng		99
8) 2-Chlorophenol	7.369	128	115800	5.318	ng		94
9) Benzaldehyde	6.946	77	147394	6.697	ng		98
10) Phenol	6.987	94	187745	5.274	ng		94
11) bis(2-Chloroethyl)ether	7.228	93	160176	5.318	ng		100
12) 1,3-Dichlorobenzene	7.699	146	129911	5.022	ng		98
13) 1,4-Dichlorobenzene	7.840	146	133484	5.110	ng		100
14) 1,2-Dichlorobenzene	8.158	146	129275	5.136	ng		99
15) Benzyl Alcohol	8.034	79	132962	5.391	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	155490	5.606	ng		97
17) 2-Methylphenol	8.234	107	111202	4.941	ng		99
18) Hexachloroethane	8.887	117	53111	5.071	ng		94
19) n-Nitroso-di-n-propyla...	8.599	70	128847	5.426	ng		98
20) 3+4-Methylphenols	8.552	107	148855	4.906	ng		98
22) Acetophenone	8.616	105	243565	5.307	ng	#	98
24) Nitrobenzene	8.993	77	181917	5.787	ng		98
25) Isophorone	9.510	82	365137	5.340	ng		99
26) 2-Nitrophenol	9.705	139	29190	6.464	ng		99
27) 2,4-Dimethylphenol	9.757	122	82951	4.916	ng		99
28) bis(2-Chloroethoxy)met...	9.999	93	222863	5.340	ng		99
29) 2,4-Dichlorophenol	10.228	162	96215	4.826	ng		98
30) 1,2,4-Trichlorobenzene	10.452	180	129206	5.055	ng		97
31) Naphthalene	10.640	128	399408	5.118	ng		99
32) Benzoic acid	9.799	122	22208	6.072	ng		99
33) 4-Chloroaniline	10.734	127	159890	5.454	ng		98
34) Hexachlorobutadiene	10.940	225	78221	4.860	ng		99
35) Caprolactam	11.469	113	40523	4.883	ng		96
36) 4-Chloro-3-methylphenol	11.851	107	135312	4.892	ng		98
37) 2-Methylnaphthalene	12.251	142	277123	5.203	ng		99
38) 1-Methylnaphthalene	12.469	142	262059	4.989	ng		100
40) 1,2,4,5-Tetrachloroben...	12.622	216	157301	5.271	ng		99
41) Hexachlorocyclopentadiene	12.616	237	44891	4.746	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	75297	4.542	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	88933	4.829	ng		99
46) 1,1'-Biphenyl	13.269	154	389718	5.408	ng		99
47) 2-Chloronaphthalene	13.310	162	282725	5.040	ng		99
48) 2-Nitroaniline	13.493	65	59322	4.548	ng		98
49) Acenaphthylene	14.157	152	457610	5.549	ng		99
50) Dimethylphthalate	13.893	163	362620	5.316	ng		99
51) 2,6-Dinitrotoluene	14.004	165	50597	4.280	ng		89
52) Acenaphthene	14.504	154	277853	5.135	ng		99
53) 3-Nitroaniline	14.334	138	52824	4.545	ng	#	85
54) 2,4-Dinitrophenol	14.534	184	12858	7.253	ng	#	66
55) Dibenzofuran	14.851	168	450960	5.417	ng		99
56) 4-Nitrophenol	14.628	139	38472	8.264	ng	#	84
57) 2,4-Dinitrotoluene	14.798	165	56275	3.885	ng	#	94
58) Fluorene	15.510	166	364114	5.324	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	79133m	5.062	ng		
60) Diethylphthalate	15.281	149	370913	5.300	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	194187	5.493	ng		98
62) 4-Nitroaniline	15.504	138	55473	4.514	ng	#	73
63) Azobenzene	15.810	77	484737	5.635	ng		98
65) 4,6-Dinitro-2-methylph...	15.575	198	19297	8.211	ng		98
66) n-Nitrosodiphenylamine	15.728	169	314285	5.238	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	111184	4.692	ng		99
68) Hexachlorobenzene	16.539	284	143816	5.136	ng		98
69) Atrazine	16.698	200	110483	5.364	ng		100
70) Pentachlorophenol	16.892	266	57483	3.761	ng		96
71) Phenanthrene	17.292	178	590686	5.486	ng		99
72) Anthracene	17.386	178	550547	5.214	ng		99
73) Carbazole	17.657	167	522472	5.134	ng		99
74) Di-n-butylphthalate	18.269	149	604200	4.834	ng		99
75) Fluoranthene	19.380	202	666911	5.048	ng		100
77) Benzidine	19.569	184	242890	8.229	ng		98
78) Pyrene	19.757	202	701681	4.883	ng		99
80) Butylbenzylphthalate	20.716	149	189057	3.933	ng		95
81) Benzo(a)anthracene	21.680	228	727044	5.268	ng		99
82) 3,3'-Dichlorobenzidine	21.598	252	221281	5.000	ng		99
83) Chrysene	21.751	228	678779	5.209	ng		99
84) Bis(2-ethylhexyl)phtha...	21.651	149	375490	4.603	ng		98
85) Di-n-octyl phthalate	22.963	149	462473	7.738	ng		97
87) Indeno(1,2,3-cd)pyrene	28.962	276	741756m	4.821	ng		
88) Benzo(b)fluoranthene	24.027	252	654850	4.803	ng		98
89) Benzo(k)fluoranthene	24.098	252	668016	5.023	ng		99
90) Benzo(a)pyrene	24.951	252	586732	4.959	ng		99
91) Dibenzo(a,h)anthracene	29.068	278	606424	4.743	ng		100
92) Benzo(g,h,i)perylene	30.151	276	602527	4.702	ng		98

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

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