Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
Data File : BP021496.D
Acq On : 14 Aug 2024 12:06
Operator : RC/JU
Sample : P3390-01
Misc : LOD-MDL-SOIL-8ng
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 12:33:07 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 :
LOD-MDL-SOIL-01-QT3-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	317412	20.000	ng		0.00
21) Naphthalene-d8	10.592	136	1390807	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	953814	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	2142969	20.000	ng		0.00
76) Chrysene-d12	21.692	240	2137506	20.000	ng		0.00
86) Perylene-d12	25.109	264	2377678	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2807226	131.323	ng		0.00
7) Phenol-d6	6.963	99	4071026	130.551	ng		0.00
23) Nitrobenzene-d5	8.951	82	2629464	97.584	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1487473	140.122	ng		-0.01
45) 2-Fluorobiphenyl	13.063	172	5471106	87.541	ng		0.00
79) Terphenyl-d14	19.974	244	9058895	82.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	86456	8.530	ng		99
3) Pyridine	3.710	79	209800	7.415	ng		98
4) n-Nitrosodimethylamine	3.622	42	71997	8.465	ng	#	97
6) Aniline	7.134	93	306275	9.824	ng		99
8) 2-Chlorophenol	7.369	128	166416	8.424	ng		94
9) Benzaldehyde	6.946	77	210772	10.557	ng		98
10) Phenol	6.987	94	267109	8.272	ng		95
11) bis(2-Chloroethyl)ether	7.228	93	230999	8.454	ng		98
12) 1,3-Dichlorobenzene	7.698	146	187585	7.994	ng		98
13) 1,4-Dichlorobenzene	7.845	146	191872	8.098	ng		98
14) 1,2-Dichlorobenzene	8.157	146	184375	8.075	ng		99
15) Benzyl Alcohol	8.034	79	192268	8.593	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	224729	8.931	ng		99
17) 2-Methylphenol	8.234	107	164934	8.079	ng		99
18) Hexachloroethane	8.887	117	77376	8.144	ng		96
19) n-Nitroso-di-n-propyla...	8.604	70	189091	8.778	ng		97
20) 3+4-Methylphenols	8.551	107	222751	8.092	ng		98
22) Acetophenone	8.616	105	354486	8.296	ng	#	99
24) Nitrobenzene	8.992	77	256614	8.768	ng		100
25) Isophorone	9.516	82	541041	8.499	ng		99
26) 2-Nitrophenol	9.698	139	44502	10.266	ng		95
27) 2,4-Dimethylphenol	9.757	122	129545	8.246	ng		98
28) bis(2-Chloroethoxy)met...	9.998	93	320581	8.250	ng		99
29) 2,4-Dichlorophenol	10.234	162	142686	7.687	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	186522	7.838	ng		97
31) Naphthalene	10.645	128	583614	8.033	ng		98
32) Benzoic acid	9.810	122	42410	8.801	ng		95
33) 4-Chloroaniline	10.739	127	237970	8.719	ng		99
34) Hexachlorobutadiene	10.939	225	114468	7.639	ng		98
35) Caprolactam	11.475	113	64629	8.365	ng		95
36) 4-Chloro-3-methylphenol	11.857	107	198808	7.721	ng		98
37) 2-Methylnaphthalene	12.251	142	400170	8.070	ng		100
38) 1-Methylnaphthalene	12.475	142	385680	7.886	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	225883	8.083	ng		99
41) Hexachlorocyclopentadiene	12.604	237	75227	8.493	ng		96
43) 2,4,6-Trichlorophenol	12.851	196	114264	7.360	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	125280	7.263	ng		98
46) 1,1'-Biphenyl	13.269	154	558092	8.270	ng		97
47) 2-Chloronaphthalene	13.304	162	420239	7.999	ng		99
48) 2-Nitroaniline	13.492	65	92074	10.730	ng		99
49) Acenaphthylene	14.163	152	671003	8.688	ng		99
50) Dimethylphthalate	13.886	163	541292	8.474	ng		99
51) 2,6-Dinitrotoluene	14.004	165	81169	9.761	ng		90
52) Acenaphthene	14.510	154	405912	8.010	ng		99
53) 3-Nitroaniline	14.327	138	85104	10.131	ng	#	87
54) 2,4-Dinitrophenol	14.533	184	19155	9.873	ng	#	49
55) Dibenzofuran	14.851	168	668714	8.578	ng		99
56) 4-Nitrophenol	14.627	139	64596	10.789	ng		90
57) 2,4-Dinitrotoluene	14.798	165	91701	10.032	ng		92
58) Fluorene	15.510	166	531047	8.292	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	114594	7.828	ng		97
60) Diethylphthalate	15.280	149	539152	8.226	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	273847	8.272	ng		98
62) 4-Nitroaniline	15.510	138	87930	9.274	ng		87
63) Azobenzene	15.810	77	721146	8.951	ng		98
65) 4,6-Dinitro-2-methylph...	15.574	198	29747	10.300	ng		93
66) n-Nitrosodiphenylamine	15.722	169	465154	8.100	ng		99
67) 4-Bromophenyl-phenylether	16.416	248	166083	7.323	ng		97
68) Hexachlorobenzene	16.539	284	205401	7.663	ng		97
69) Atrazine	16.686	200	164492	8.343	ng		99
70) Pentachlorophenol	16.886	266	86609	5.920	ng		98
71) Phenanthrene	17.292	178	860328	8.348	ng		99
72) Anthracene	17.380	178	835993	8.271	ng		99
73) Carbazole	17.657	167	780024	8.008	ng		100
74) Di-n-butylphthalate	18.268	149	913190	7.634	ng		99
75) Fluoranthene	19.374	202	994401	7.864	ng		99
77) Benzidine	19.557	184	379103	10.498	ng		99
78) Pyrene	19.745	202	1055257	7.553	ng		99
80) Butylbenzylphthalate	20.698	149	302034	8.871	ng		92
81) Benzo(a)anthracene	21.674	228	1091842	8.137	ng		100
82) 3,3'-Dichlorobenzidine	21.586	252	359508	8.356	ng		98
83) Chrysene	21.745	228	1020889	8.058	ng		99
84) Bis(2-ethylhexyl)phtha...	21.639	149	568059	7.163	ng		99
85) Di-n-octyl phthalate	22.951	149	792775	9.953	ng		98
87) Indeno(1,2,3-cd)pyrene	28.944	276	1178167m	7.644	ng		
88) Benzo(b)fluoranthene	24.015	252	1036730	7.592	ng		99
89) Benzo(k)fluoranthene	24.092	252	1035127	7.771	ng		99
90) Benzo(a)pyrene	24.945	252	927501	7.827	ng		99
91) Dibenzo(a,h)anthracene	29.062	278	985531	7.696	ng		99
92) Benzo(g,h,i)perylene	30.133	276	951757	7.415	ng		99

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

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