Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034278.D
Acq On : 30 Sep 2024 15:07
Operator : RC/JU
Sample : P3391-04
Misc : SFAM-MDL-SOIL-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 30 15:48:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2024-06

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	212578	20.000	ng/ul	0.00
20) Naphthalene-d8	10.146	136	846802	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.040	164	502107	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1033637	20.000	ng/ul	0.00
79) Chrysene-d12	21.027	240	958378	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	938871	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	23853	4.579	ng/uL	0.00
4) Pyridine-d5	3.387	84	293799	18.974	ng/ul	0.00
7) Phenol-d5	6.587	99	368601	19.537	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.746	67	244452	20.883	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	320229	21.563	ng/ul	0.00
15) 4-Methylphenol-d8	8.105	113	257621	16.595	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	154932	22.955	ng/ul	0.00
24) 2-Nitrophenol-d4	9.246	143	143671	20.700	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	272318	20.834	ng/ul	0.00
31) 4-Chloroaniline-d4	10.293	131	359870	18.186	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	784628	20.910	ng/ul	0.00
49) Acenaphthylene-d8	13.728	160	911031	21.581	ng/ul	0.00
54) 4-Nitrophenol-d4	14.269	143	109718	14.247	ng/ul	0.00
60) Fluorene-d10	15.045	176	693867	21.818	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	88172	14.307	ng/ul	0.00
73) Anthracene-d10	16.892	188	869010	17.882	ng/ul	0.00
81) Pyrene-d10	19.204	212	1189249	22.271	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	1139567	23.629	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	5866	1.067	ng/uL	89
5) Pyridine	3.411	79	57550	3.632	ng/ul#	83
6) Benzaldehyde	6.546	77	43350	4.353	ng/ul	94
8) Phenol	6.611	94	72232	3.677	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.834	93	64438	4.221	ng/ul	96
12) 2-Chlorophenol	6.958	128	63124	4.148	ng/ul	98
13) 2-Methylphenol	7.840	108	46063	3.137	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	7.916	45	93471	4.152	ng/ul	99
16) Acetophenone	8.205	105	89121	3.624	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.193	70	40963	3.364	ng/ul	99
18) 4-Methylphenol	8.163	108	54385	3.328	ng/ul	96
19) Hexachloroethane	8.446	117	28004	4.363	ng/ul	94
22) Nitrobenzene	8.569	77	70650	4.182	ng/ul	97
23) Isophorone	9.099	82	103814	3.332	ng/ul	96
25) 2-Nitrophenol	9.275	139	29884	3.847	ng/ul	94
26) 2,4-Dimethylphenol	9.352	107	20809m	1.302	ng/ul	
27) Bis(2-Chloroethoxy)met...	9.587	93	79924	4.170	ng/ul	99
29) 2,4-Dichlorophenol	9.804	162	52331	3.954	ng/ul	94
30) Naphthalene	10.193	128	210134	4.537	ng/ul	99
32) 4-Chloroaniline	10.316	127	69041	3.540	ng/ul	98
33) Hexachlorobutadiene	10.487	225	40107	4.724	ng/ul	98
34) Caprolactam	11.110	113	16703m	3.170	ng/ul	
35) 4-Chloro-3-methylphenol	11.457	107	47231m	3.031	ng/ul	
36) 2-Methylnaphthalene	11.816	142	134264	4.208	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.046	142	135216	4.187	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.198	216	69788	4.814	ng/ul	97
40) Hexachlorocyclopentadiene	12.181	237	25813	2.894	ng/ul	98
41) 2,4,6-Trichlorophenol	12.451	196	28595	2.976	ng/ul	93
42) 2,4,5-Trichlorophenol	12.522	196	43613	4.132	ng/ul	97
43) 1,1'-Biphenyl	12.863	154	171534	4.531	ng/ul	99
44) 2-Chloronaphthalene	12.898	162	137653	4.668	ng/ul	98
45) 2-Nitroaniline	13.122	65	25351	2.660	ng/ul	93
47) Dimethylphthalate	13.516	163	159412	4.168	ng/ul	100
48) 2,6-Dinitrotoluene	13.628	165	25274	3.356	ng/ul	99
50) Acenaphthylene	13.757	152	212790	4.607	ng/ul	98
51) 3-Nitroaniline	13.963	138	20075	2.412	ng/ul#	96
52) Acenaphthene	14.104	153	146199	4.433	ng/ul	99
53) 2,4-Dinitrophenol	14.175	184	10516	2.374	ng/ul#	82
55) 4-Nitrophenol	14.281	109	17481	2.673	ng/ul	90
56) Dibenzofuran	14.445	168	202444	4.489	ng/ul	95
57) 2,4-Dinitrotoluene	14.422	165	39339	3.465	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.681	232	31070	3.547	ng/ul	90
59) Diethylphthalate	14.898	149	152609	3.819	ng/ul	98
61) Fluorene	15.098	166	161568	4.380	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.104	204	81179	4.540	ng/ul	95
63) 4-Nitroaniline	15.128	138	21008m	2.453	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.187	198	20891	3.053	ng/ul#	89
67) N-Nitrosodiphenylamine	15.322	169	127104	4.104	ng/ul	98
68) 4-Bromophenyl-phenylether	16.004	248	46432	4.424	ng/ul	94
69) Hexachlorobenzene	16.104	284	56586	4.645	ng/ul	95
70) Atrazine	16.292	200	42812	3.815	ng/ul	98
71) Pentachlorophenol	16.457	266	33282	4.102	ng/ul	93
72) Phenanthrene	16.839	178	248662	4.363	ng/ul	99
74) Anthracene	16.928	178	210070	3.610	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.816	216	66966	4.655	ng/uL	97
76) Pentachlorobenzene	14.363	250	68136	4.652	ng/uL	92
77) Carbazole	17.210	167	198296	3.702	ng/ul	98
78) Di-n-butylphthalate	17.798	149	231733	3.403	ng/ul	100
80) Fluoranthene	18.869	202	278626	4.463	ng/ul	99
82) Pyrene	19.233	202	298056	4.441	ng/ul	97
83) Butylbenzylphthalate	20.174	149	94505	3.140	ng/ul	100
84) 3,3'-Dichlorobenzidine	20.957	252	51809	2.407	ng/ul	98
85) Benzo(a)anthracene	21.010	228	289424	4.236	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.974	149	149091	3.385	ng/ul	99
87) Chrysene	21.069	228	280667	4.305	ng/ul	99
89) Di-n-octyl phthalate	22.016	149	211886	3.392	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	268068	4.683	ng/ul	96
91) Benzo(k)fluoranthene	22.945	252	257098	4.553	ng/ul	99
93) Benzo(a)pyrene	23.610	252	243272	4.499	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.715	276	288833	4.311	ng/ul	97
95) Dibenzo(a,h)anthracene	26.774	278	237599	4.387	ng/ul	98
96) Benzo(g,h,i)perylene	27.651	276	246055	4.731	ng/ul	100

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

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