

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030422\
 Data File : BP009262.D
 Acq On : 04 Mar 2022 10:32
 Operator : CG/JU
 Sample : N1331-02
 Misc : SFAM-MDL-WATER02
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-QT1-2022-02

Quant Time: Mar 04 13:04:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 02 18:15:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2022
 Supervised By :mohammad ahmed 03/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	346250	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.622	136	1375464	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.463	164	854622	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1753180	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.327	240	1794798	20.000	ng/ul	#-0.01
88) Perylene-d12	23.739	264	1832897	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	46049	5.345	ng/uL	0.00
4) Pyridine-d5	3.722	84	525723	24.458	ng/ul	0.00
7) Phenol-d5	6.987	99	672936	23.991	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	415259	24.669	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	543381	24.779	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	517635	24.142	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	220945	27.544	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	214974	28.275	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	493658	24.369	ng/ul	0.00
31) 4-Chloroaniline-d4	10.752	131	732382	25.567	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	1538096	25.680	ng/ul	-0.01
49) Acenaphthylene-d8	14.157	160	1934104	24.440	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	217887	22.971	ng/ul	-0.01
60) Fluorene-d10	15.463	176	1348023	25.867	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	149704	21.038	ng/ul	0.00
73) Anthracene-d10	17.322	188	2048893	24.867	ng/ul	-0.01
81) Pyrene-d10	19.569	212	2379288	24.116	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	2308559	24.902	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	9345	1.085	ng/uL#	67
5) Pyridine	3.740	79	96061	4.212	ng/ul#	29
6) Benzaldehyde	6.963	77	76432m	4.632	ng/ul	
8) Phenol	7.016	94	122869	4.352	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.252	93	98279	4.361	ng/ul#	84
12) 2-Chlorophenol	7.387	128	98814	4.453	ng/ul	90
13) 2-Methylphenol	8.263	108	82473	3.915	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.363	45	123696	4.564	ng/ul#	89
16) Acetophenone	8.646	105	145654	4.447	ng/ul#	86
17) N-Nitroso-di-n-propyla...	8.634	70	67680	4.147	ng/ul#	85
18) 4-Methylphenol	8.587	108	95311	4.304	ng/ul	95
19) Hexachloroethane	8.905	117	40386	4.457	ng/ul#	80
22) Nitrobenzene	9.016	77	102297	4.897	ng/ul#	86
23) Isophorone	9.546	82	184498	3.995	ng/ul#	97
25) 2-Nitrophenol	9.728	139	44328	4.983	ng/ul#	78
26) 2,4-Dimethylphenol	9.793	107	101256	4.216	ng/ul#	75
27) Bis(2-Chloroethoxy)met...	10.034	93	123526	4.374	ng/ul#	97
29) 2,4-Dichlorophenol	10.263	162	90451	4.535	ng/ul#	80
30) Naphthalene	10.669	128	316292	4.526	ng/ul	97
32) 4-Chloroaniline	10.775	127	131635	4.644	ng/ul	96
33) Hexachlorobutadiene	10.969	225	63898	4.421	ng/ul	98
34) Caprolactam	11.540	113	24217	4.208	ng/ul#	47
35) 4-Chloro-3-methylphenol	11.904	107	80021m	3.963	ng/ul	
36) 2-Methylnaphthalene	12.287	142	212121	4.529	ng/ul	91

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37) 1-Methylnaphthalene	12.504	142	197390	4.216	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.657	216	117697	4.330	ng/ul	95
40) Hexachlorocyclopentadiene	12.646	237	56032	3.282	ng/ul	97
41) 2,4,6-Trichlorophenol	12.893	196	58164	3.696	ng/ul#	78
42) 2,4,5-Trichlorophenol	12.957	196	67870m	4.076	ng/ul	
43) 1,1'-Biphenyl	13.298	154	294382	4.513	ng/ul#	91
44) 2-Chloronaphthalene	13.334	162	224193	4.519	ng/ul	90
45) 2-Nitroaniline	13.534	65	34933	4.006	ng/ul#	85
47) Dimethylphthalate	13.922	163	269649	4.652	ng/ul#	92
48) 2,6-Dinitrotoluene	14.034	165	30946	3.907	ng/ul	93
50) Acenaphthylene	14.181	152	357577	4.557	ng/ul	96
51) 3-Nitroaniline	14.357	138	34212	3.421	ng/ul	85
52) Acenaphthene	14.528	153	233214	4.574	ng/ul	95
53) 2,4-Dinitrophenol	14.563	184	24294	5.017	ng/ul#	85
55) 4-Nitrophenol	14.663	109	32799	4.376	ng/ul#	33
56) Dibenzofuran	14.863	168	337715	4.682	ng/ul	98
57) 2,4-Dinitrotoluene	14.822	165	48566	4.267	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.092	232	52234	4.012	ng/ul#	86
59) Diethylphthalate	15.298	149	248044	4.421	ng/ul	93
61) Fluorene	15.516	166	272348	4.817	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.516	204	138221	4.818	ng/ul	98
63) 4-Nitroaniline	15.522	138	36399	3.755	ng/ul#	71
66) 4,6-Dinitro-2-methylph...	15.581	198	30013	4.012	ng/ul#	64
67) N-Nitrosodiphenylamine	15.728	169	220676	4.301	ng/ul	94
68) 4-Bromophenyl-phenylether	16.416	248	76884	4.204	ng/ul	92
69) Hexachlorobenzene	16.528	284	91635	4.364	ng/ul#	87
70) Atrazine	16.686	200	77050	4.213	ng/ul	92
71) Pentachlorophenol	16.875	266	56273	4.539	ng/ul#	85
72) Phenanthrene	17.263	178	428894	4.589	ng/ul	99
74) Anthracene	17.357	178	425537	4.561	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.257	216	111252	3.766	ng/uL	90
76) Pentachlorobenzene	14.787	250	112410	4.272	ng/uL	91
77) Carbazole	17.628	167	353032	4.251	ng/ul	96
78) Di-n-butylphthalate	18.198	149	355142	3.857	ng/ul#	92
80) Fluoranthene	19.239	202	473303	4.163	ng/ul	97
82) Pyrene	19.592	202	514245	4.425	ng/ul	99
83) Butylbenzylphthalate	20.486	149	128972	3.437	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.245	252	131134	3.467	ng/ul#	94
85) Benzo(a)anthracene	21.316	228	498423	4.393	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.257	149	216536	3.630	ng/ul#	78
87) Chrysene	21.363	228	493814	4.491	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	321290	3.238	ng/ul	100
90) Benzo(b)fluoranthene	22.998	252	509881m	4.414	ng/ul	
91) Benzo(k)fluoranthene	23.051	252	459248	4.386	ng/ul#	95
93) Benzo(a)pyrene	23.627	252	485601	4.387	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.239	276	544508	4.154	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.257	278	467005	4.221	ng/ul#	94
96) Benzo(g,h,i)perylene	26.998	276	461477	4.111	ng/ul#	89

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

