

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041823\
 Data File : BP014719.D
 Acq On : 18 Apr 2023 19:37
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV638

Quant Time: Apr 19 01:47:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 01:37:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	208214	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	882828	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.786	164	567580	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.539	188	1273681	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	1273528	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1385367	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	44133	8.424	ng/uL	0.00
4) Pyridine-d5	3.916	84	286517	20.088	ng/u1	0.00
7) Phenol-d5	7.287	99	373016	20.720	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	230498	20.754	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	290827	21.753	ng/u1	0.00
15) 4-Methylphenol-d8	8.851	113	295575	21.061	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	129203	23.356	ng/u1	0.00
24) 2-Nitrophenol-d4	10.051	143	121405	24.298	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	292799	21.582	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	438886	21.195	ng/u1	0.00
46) Dimethylphthalate-d6	14.187	166	960656	21.376	ng/u1	0.00
49) Acenaphthylene-d8	14.481	160	1109786	21.308	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	158586	22.185	ng/u1	0.00
60) Fluorene-d10	15.775	176	819384	21.248	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	105407	20.450	ng/u1	0.00
73) Anthracene-d10	17.639	188	1301918	21.159	ng/u1	0.00
81) Pyrene-d10	19.851	212	1523250	20.880	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1513567	21.080	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	47816	8.451	ng/uL	94
5) Pyridine	3.934	79	299315	20.916	ng/u1	97
6) Benzaldehyde	7.281	77	224312	25.191	ng/u1	95
8) Phenol	7.316	94	391808	20.851	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.563	93	318776	20.922	ng/u1	98
12) 2-Chlorophenol	7.710	128	298039	21.318	ng/u1	97
13) 2-Methylphenol	8.587	108	291983	20.762	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.687	45	403166	20.725	ng/u1	99
16) Acetophenone	8.981	105	507309	21.731	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.963	70	245047	21.581	ng/u1	98
18) 4-Methylphenol	8.916	108	323076	21.141	ng/u1	99
19) Hexachloroethane	9.251	117	124651	21.166	ng/u1	98
22) Nitrobenzene	9.369	77	335393	22.313	ng/u1	98
23) Isophorone	9.893	82	717184	21.131	ng/u1	99
25) 2-Nitrophenol	10.087	139	143730	24.219	ng/u1	97
26) 2,4-Dimethylphenol	10.134	107	353811	21.382	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.381	93	437869	20.823	ng/u1	99
29) 2,4-Dichlorophenol	10.616	162	295516	21.581	ng/u1	98
30) Naphthalene	11.034	128	1035547	20.930	ng/u1	100
32) 4-Chloroaniline	11.134	127	444907	21.209	ng/u1	99
33) Hexachlorobutadiene	11.322	225	198892	20.535	ng/u1	99
34) Caprolactam	11.887	113	94009	22.673	ng/u1	97
35) 4-Chloro-3-methylphenol	12.234	107	312364	21.827	ng/u1	98
36) 2-Methylnaphthalene	12.628	142	692983	20.980	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.845	142	694470	21.208	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.987	216	389451	20.390	ng/ul	99
40) Hexachlorocyclopentadiene	12.975	237	222942	20.629	ng/ul	98
41) 2,4,6-Trichlorophenol	13.222	196	235289	21.749	ng/ul	99
42) 2,4,5-Trichlorophenol	13.287	196	255835	21.859	ng/ul	98
43) 1,1'-Biphenyl	13.622	154	957902	20.813	ng/ul	100
44) 2-Chloronaphthalene	13.669	162	753831	20.962	ng/ul	99
45) 2-Nitroaniline	13.863	65	166773	24.498	ng/ul	98
47) Dimethylphthalate	14.234	163	961156	21.232	ng/ul	100
48) 2,6-Dinitrotoluene	14.351	165	152653	24.723	ng/ul	94
50) Acenaphthylene	14.510	152	1197599	21.216	ng/ul	99
51) 3-Nitroaniline	14.681	138	164240	23.386	ng/ul	98
52) Acenaphthene	14.851	153	816549	21.216	ng/ul	100
53) 2,4-Dinitrophenol	14.881	184	58531	19.591	ng/ul	99
55) 4-Nitrophenol	14.963	109	129433	22.073	ng/ul	99
56) Dibenzofuran	15.181	168	1139577	21.038	ng/ul	98
57) 2,4-Dinitrotoluene	15.134	165	227879	25.153	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.404	232	224873	22.626	ng/ul	98
59) Diethylphthalate	15.592	149	947260	21.565	ng/ul	99
61) Fluorene	15.833	166	954522	21.588	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.822	204	475237	21.019	ng/ul	99
63) 4-Nitroaniline	15.839	138	174456	24.854	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.898	198	115063	20.969	ng/ul#	90
67) N-Nitrosodiphenylamine	16.033	169	800570	21.093	ng/ul	100
68) 4-Bromophenyl-phenylether	16.722	248	295528	20.703	ng/ul	98
69) Hexachlorobenzene	16.839	284	343163	20.719	ng/ul	98
70) Atrazine	16.980	200	289707	21.491	ng/ul	98
71) Pentachlorophenol	17.175	266	185385	20.562	ng/ul	98
72) Phenanthrene	17.580	178	1501032	20.911	ng/ul	100
74) Anthracene	17.669	178	1535506	21.100	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.592	216	399439	20.083	ng/uL	100
76) Pentachlorobenzene	15.104	250	401285	20.456	ng/uL	98
77) Carbazole	17.927	167	1378169	21.572	ng/ul	100
78) Di-n-butylphthalate	18.475	149	1585356	21.858	ng/ul	100
80) Fluoranthene	19.527	202	1763254	20.774	ng/ul	100
82) Pyrene	19.880	202	1893265	21.079	ng/ul	99
83) Butylbenzylphthalate	20.739	149	550105	22.434	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.516	252	632029	22.167	ng/ul	99
85) Benzo(a)anthracene	21.598	228	1864025	21.057	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.504	149	929195	22.464	ng/ul	99
87) Chrysene	21.651	228	1783115	21.277	ng/ul	99
89) Di-n-octyl phthalate	22.498	149	1475257	19.682	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	1950002	21.608	ng/ul	99
91) Benzo(k)fluoranthene	23.451	252	1851977	20.519	ng/ul	99
93) Benzo(a)pyrene	24.080	252	1687231	21.051	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.921	276	2186550	20.961	ng/ul	99
95) Dibenzo(a,h)anthracene	26.945	278	1825550	20.897	ng/ul	98
96) Benzo(g,h,i)perylene	27.756	276	1731443	20.753	ng/ul	99

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

