

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP051923.D
 Acq On : 19 May 2023 11:41
 Operator : CG/JU
 Sample : 02614-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 X3G14

Quant Time: May 19 22:04:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	238207	20.000	ng/u1	0.00
20) Naphthalene-d8	10.958	136	1190300	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	742784	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.522	188	1640472	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1482559	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	1612460	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	27183	4.434	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.275	99	555240	25.105	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	341710	26.751	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	423364	26.035	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	449766	25.521	ng/u1	0.00
21) Nitrobenzene-d5	9.305	128	230613	24.656	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	255616	24.561	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	495781	26.400	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	434745	15.646	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	1822014	32.461	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	1990622	31.009	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	305080	27.991	ng/u1	0.00
60) Fluorene-d10	15.763	176	1555006	32.832	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	267697	25.894	ng/u1	0.00
73) Anthracene-d10	17.622	188	2674712	35.607	ng/u1	0.00
81) Pyrene-d10	19.839	212	3161535	36.768	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	3004708	37.538	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.464	88	61572	9.346	ng/uL#	93
14) 2,2'-oxybis(1-Chloropr...	8.664	45	445863	19.613	ng/u1	97
22) Nitrobenzene	9.346	77	449784	19.471	ng/u1	100
25) 2-Nitrophenol	10.063	139	283213	24.816	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.358	93	456370	15.797	ng/u1	99
29) 2,4-Dichlorophenol	10.599	162	340229	17.936	ng/u1	99
30) Naphthalene	11.010	128	754503	11.659	ng/u1	99
35) 4-Chloro-3-methylphenol	12.228	107	1257118	58.691	ng/u1	99
36) 2-Methylnaphthalene	12.610	142	1302445	29.871	ng/u1	100
37) 1-Methylnaphthalene	12.828	142	1073548	24.518	ng/u1	99
40) Hexachlorocyclopentadiene	12.946	237	323622	22.484	ng/u1	99
41) 2,4,6-Trichlorophenol	13.204	196	264299	16.849	ng/u1	98
44) 2-Chloronaphthalene	13.651	162	976063	21.687	ng/u1	99
48) 2,6-Dinitrotoluene	14.346	165	135857	11.731	ng/u1	93
50) Acenaphthylene	14.493	152	1059111	14.786	ng/u1	99
52) Acenaphthene	14.834	153	708213	14.477	ng/u1	99
57) 2,4-Dinitrotoluene	15.134	165	562830	33.586	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.393	232	527918	36.777	ng/u1	98
61) Fluorene	15.816	166	789967	14.446	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.804	204	625425	23.408	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.898	198	999694	93.694	ng/u1#	95
68) 4-Bromophenyl-phenylether	16.704	248	483852	28.635	ng/u1	98
69) Hexachlorobenzene	16.828	284	581124	29.103	ng/u1	99
72) Phenanthrene	17.569	178	1466557	16.417	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

74) Anthracene	17.657	178	1619206	17.925	ng/ul	99
80) Fluoranthene	19.516	202	4220465	40.271	ng/ul	97
82) Pyrene	19.869	202	1771019	16.364	ng/ul	98
85) Benzo(a)anthracene	21.580	228	1608681	15.693	ng/ul	100
87) Chrysene	21.639	228	1555839	15.877	ng/ul	99
90) Benzo(b)fluoranthene	23.375	252	5263497	51.491	ng/ul	99
91) Benzo(k)fluoranthene	23.427	252	1628331	16.589	ng/ul	99
93) Benzo(a)pyrene	24.051	252	1062236	11.756	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	1887338	16.132	ng/ul	99
95) Dibenzo(a,h)anthracene	26.898	278	1863168	19.401	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	1533507	16.075	ng/ul	99

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

