

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
 Data File : BP014872.D
 Acq On : 28 Apr 2023 12:48
 Operator : CG/JU
 Sample : SSTD00559
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005646

Quant Time: Apr 29 00:11:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 17:04:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.181	152	207924	20.000	ng/u1	0.00
20) Naphthalene-d8	11.016	136	843419	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.828	164	495445	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.580	188	1013180	20.000	ng/u1	0.00
79) Chrysene-d12	21.662	240	934310	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	1038195	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.469	96	11090	1.922	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.704	132	47837	3.882	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.357	128	22084	3.647	ng/u1	0.00
24) 2-Nitrophenol-d4	10.087	143	15229	2.739	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.628	165	45036m	3.746	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.228	166	154017	4.338	ng/u1	0.00
49) Acenaphthylene-d8	14.522	160	185966	4.385	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.816	176	138999	4.491	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.680	188	207055	4.475	ng/u1	0.00
81) Pyrene-d10	19.898	212	228614	4.406	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.098	264	220258	4.295	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.510	88	12231	1.991	ng/uL	94
12) 2-Chlorophenol	7.734	128	54763	4.142	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.987	70	38868	4.065	ng/u1	95
19) Hexachloroethane	9.281	117	28799	4.624	ng/u1	95
22) Nitrobenzene	9.398	77	61059	3.975	ng/u1	96
23) Isophorone	9.928	82	109256	3.948	ng/u1	97
25) 2-Nitrophenol	10.116	139	18773m	3.047	ng/u1	
26) 2,4-Dimethylphenol	10.169	107	60168	4.038	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.410	93	78927	4.136	ng/u1	99
29) 2,4-Dichlorophenol	10.651	162	41470m	3.451	ng/u1	
30) Naphthalene	11.069	128	213870	4.612	ng/u1	99
33) Hexachlorobutadiene	11.351	225	42544	4.645	ng/u1	97
35) 4-Chloro-3-methylphenol	12.286	107	45822	3.746	ng/u1	98
36) 2-Methylnaphthalene	12.669	142	132127	4.515	ng/u1	98
37) 1-Methylnaphthalene	12.881	142	133624	4.548	ng/u1	96
39) 1,2,4,5-Tetrachloroben...	13.028	216	74432	4.496	ng/u1	99
41) 2,4,6-Trichlorophenol	13.263	196	25386	3.018	ng/u1	96
42) 2,4,5-Trichlorophenol	13.328	196	36918m	3.774	ng/u1	
43) 1,1'-Biphenyl	13.663	154	176392	4.437	ng/u1	97
44) 2-Chloronaphthalene	13.704	162	138472	4.423	ng/u1	99
45) 2-Nitroaniline	13.910	65	21493	3.142	ng/u1	94
47) Dimethylphthalate	14.269	163	158115	4.308	ng/u1	99
48) 2,6-Dinitrotoluene	14.392	165	22296	3.372	ng/u1#	86
50) Acenaphthylene	14.545	152	211113	4.453	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.886	153	148741	4.552	ng/ul	97
56) Dibenzofuran	15.222	168	205254	4.557	ng/ul	95
57) 2,4-Dinitrotoluene	15.180	165	30068	3.299	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.445	232	22269	2.877	ng/ul	97
59) Diethylphthalate	15.627	149	151607	4.235	ng/ul	99
61) Fluorene	15.875	166	167798	4.660	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.863	204	85823	4.716	ng/ul	98
67) N-Nitrosodiphenylamine	16.075	169	129944	4.347	ng/ul	95
68) 4-Bromophenyl-phenylether	16.763	248	47534	4.312	ng/ul	93
69) Hexachlorobenzene	16.880	284	60385	4.647	ng/ul	99
72) Phenanthrene	17.621	178	256090	4.596	ng/ul	100
74) Anthracene	17.716	178	248906	4.459	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.628	216	74960	4.492	ng/uL	97
76) Pentachlorobenzene	15.139	250	73259	4.573	ng/uL	99
78) Di-n-butylphthalate	18.516	149	239782	4.059	ng/ul	99
80) Fluoranthene	19.574	202	270603	4.310	ng/ul	98
82) Pyrene	19.927	202	302122	4.528	ng/ul	98
83) Butylbenzylphthalate	20.780	149	97561	3.885	ng/ul	98
85) Benzo(a)anthracene	21.645	228	273510	4.364	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.551	149	150764	3.960	ng/ul	98
87) Chrysene	21.704	228	286955	4.601	ng/ul	100
90) Benzo(b)fluoranthene	23.468	252	275878	4.270	ng/ul	99
91) Benzo(k)fluoranthene	23.521	252	309622	4.620	ng/ul	98
93) Benzo(a)pyrene	24.151	252	256285	4.362	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.039	276	327060	4.192	ng/ul	98
95) Dibenzo(a,h)anthracene	27.068	278	267001	4.138	ng/ul	98
96) Benzo(g,h,i)perylene	27.886	276	275142	4.273	ng/ul	99

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

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