

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
 Data File : BP020030.D
 Acq On : 19 Apr 2024 16:05
 Operator : MA/JU
 Sample : SSTD00588
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005609

Quant Time: Apr 20 01:06:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 00:34:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

04/22/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	76843	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	308264	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	216394	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	478816m	20.000	ng/u1	0.00
79) Chrysene-d12	21.668	240	501513	20.000	ng/u1	0.01
88) Perylene-d12	25.056	264	545106	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	3999	2.268	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	7.181	132	20533	4.414	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.804	128	9674	4.109	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	10212	3.949	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	21394m	4.425	ng/u1	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.733	166	69981	4.599	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	80946	4.551	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.339	176	65482	5.038	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.263	188	101808	4.755	ng/u1	0.00
81) Pyrene-d10	19.668	212	124337	4.258	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.821	264	125646	4.762	ng/u1	0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.269	88	4303	2.099	ng/uL	98
12) 2-Chlorophenol	7.216	128	21944	4.473	ng/u1	87
17) N-Nitroso-di-n-propyla...	8.451	70	23200	4.946	ng/u1	94
19) Hexachloroethane	8.693	117	11382	4.943	ng/u1	92
22) Nitrobenzene	8.851	77	32303	4.705	ng/u1	98
23) Isophorone	9.363	82	61791	4.838	ng/u1	98
25) 2-Nitrophenol	9.551	139	10794	3.973	ng/u1	96
26) 2,4-Dimethylphenol	9.610	107	28924	4.760	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.857	93	34754	4.695	ng/u1	98
29) 2,4-Dichlorophenol	10.092	162	20468m	4.312	ng/u1	
30) Naphthalene	10.469	128	78845	4.960	ng/u1	99
33) Hexachlorobutadiene	10.734	225	18980	5.046	ng/u1	96
35) 4-Chloro-3-methylphenol	11.745	107	25317m	4.746	ng/u1	
36) 2-Methylnaphthalene	12.098	142	53444	4.996	ng/u1	97
37) 1-Methylnaphthalene	12.316	142	53015	4.991	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.469	216	31477	4.435	ng/u1	99
41) 2,4,6-Trichlorophenol	12.733	196	18226	4.170	ng/u1	96
42) 2,4,5-Trichlorophenol	12.816	196	19643	4.378	ng/u1	91
43) 1,1'-Biphenyl	13.128	154	72208	4.635	ng/u1	99
44) 2-Chloronaphthalene	13.169	162	58407	4.622	ng/u1	97
45) 2-Nitroaniline	13.410	65	16526m	4.133	ng/u1	
47) Dimethylphthalate	13.781	163	73668	4.794	ng/u1	99
48) 2,6-Dinitrotoluene	13.916	165	11722	3.773	ng/u1	95
50) Acenaphthylene	14.033	152	93007	4.696	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.386	153	62819	4.786	ng/u1	99
56) Dibenzofuran	14.739	168	88844	4.953	ng/u1	99
57) 2,4-Dinitrotoluene	14.733	165	17631	4.151	ng/u1	89
58) 2,3,4,6-Tetrachlorophenol	14.975	232	16883	4.330	ng/u1	90
59) Diethylphthalate	15.180	149	71502	4.651	ng/u1	97
61) Fluorene	15.404	166	72036	4.898	ng/u1	97
62) 4-Chlorophenyl-phenyle...	15.398	204	39285	4.960	ng/u1	93
67) N-Nitrosodiphenylamine	15.633	169	60034	4.519	ng/u1	98
68) 4-Bromophenyl-phenylether	16.327	248	23522	4.492	ng/u1	96
69) Hexachlorobenzene	16.427	284	26219	4.540	ng/u1	99
72) Phenanthrene	17.204	178	120563m	4.847	ng/u1	
74) Anthracene	17.298	178	122974	4.836	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.086	216	32230	4.154	ng/uL	97
76) Pentachlorobenzene	14.645	250	31865	4.419	ng/uL	97
78) Di-n-butylphthalate	18.198	149	119936	4.465	ng/u1	99
80) Fluoranthene	19.316	202	144804	4.209	ng/u1	99
82) Pyrene	19.698	202	155358	4.369	ng/u1	97
83) Butylbenzylphthalate	20.680	149	52234	3.673	ng/u1	96
85) Benzo(a)anthracene	21.651	228	164750	4.732	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	83722	3.988	ng/u1	100
87) Chrysene	21.715	228	154033	4.730	ng/u1	98
90) Benzo(b)fluoranthene	23.980	252	152620	4.722	ng/u1	99
91) Benzo(k)fluoranthene	24.056	252	163719	4.982	ng/u1	97
93) Benzo(a)pyrene	24.898	252	148622	4.745	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.921	276	170503m	4.406	ng/u1	
95) Dibenzo(a,h)anthracene	29.009	278	140135m	4.472	ng/u1	
96) Benzo(g,h,i)perylene	30.109	276	137386m	4.402	ng/u1	

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

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