

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100724\
 Data File : BP022257.D
 Acq On : 07 Oct 2024 16:41
 Operator : RC/JU
 Sample : SSTD00543
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD005621

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024

Supervised By :mohammad

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10/09/2024

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Quant Time: Oct 08 01:52:54 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Oct 08 00:58:42 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	87487m	20.000	ng/u1	-0.04
20) Naphthalene-d8	10.440	136	316098	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.304	164	236158	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.110	188	549882	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	637915	20.000	ng/u1	0.01
88) Perylene-d12	24.851	264	815086	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	4674	2.093	ng/uL	-0.01
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	7.216	132	23474	4.534	ng/u1	-0.03
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.811	128	10984	4.643	ng/u1	-0.03
24) 2-Nitrophenol-d4	9.528	143	11977	4.465	ng/u1	-0.03
28) 2,4-Dichlorophenol-d3	10.063	165	25923	4.450	ng/u1	-0.04
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.704	166	88462	4.846	ng/u1	-0.01
49) Acenaphthylene-d8	13.993	160	90298	4.672	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.322	176	74952	4.642	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.204	188	121168	4.720	ng/u1	-0.01
81) Pyrene-d10	19.598	212	151743	4.591	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.621	264	196124	4.575	ng/u1	0.02
Target Compounds						
2) 1,4-Dioxane	3.240	88	4851m	2.005	ng/uL	
12) 2-Chlorophenol	7.246	128	24994	4.656	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.469	70	21634m	4.424	ng/u1	
19) Hexachloroethane	8.734	117	12066m	4.762	ng/u1	
22) Nitrobenzene	8.852	77	34380	4.753	ng/u1	93
23) Isophorone	9.375	82	58562	4.674	ng/u1	99
25) 2-Nitrophenol	9.558	139	12860	4.480	ng/u1#	88
26) 2,4-Dimethylphenol	9.622	107	29724	4.571	ng/u1	92
27) Bis(2-Chloroethoxy)met...	9.852	93	33648	4.659	ng/u1	97
29) 2,4-Dichlorophenol	10.087	162	26113	4.512	ng/u1	97
30) Naphthalene	10.487	128	79175	4.760	ng/u1	99
33) Hexachlorobutadiene	10.769	225	24654	4.798	ng/u1	99
35) 4-Chloro-3-methylphenol	11.728	107	26928	4.301	ng/u1	99
36) 2-Methylnaphthalene	12.099	142	56955	4.608	ng/u1	98
37) 1-Methylnaphthalene	12.316	142	56624	4.542	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.475	216	41820	4.776	ng/u1	96
41) 2,4,6-Trichlorophenol	12.722	196	24697	4.718	ng/u1	99
42) 2,4,5-Trichlorophenol	12.793	196	26045	4.595	ng/u1	97
43) 1,1'-Biphenyl	13.116	154	80396	4.761	ng/u1	98
44) 2-Chloronaphthalene	13.163	162	64897	4.773	ng/u1	99
45) 2-Nitroaniline	13.369	65	19029	4.840	ng/u1	94
47) Dimethylphthalate	13.751	163	87212	4.756	ng/u1	98
48) 2,6-Dinitrotoluene	13.869	165	14025	3.990	ng/u1	97
50) Acenaphthylene	14.016	152	93312	4.630	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.363	153	70593	4.820	ng/ul	99
56) Dibenzofuran	14.710	168	103550	4.756	ng/ul	100
57) 2,4-Dinitrotoluene	14.675	165	21574	3.983	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	14.951	232	24360	4.465	ng/ul#	99
59) Diethylphthalate	15.134	149	82368	4.539	ng/ul	98
61) Fluorene	15.369	166	84409	4.662	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.369	204	49268	4.726	ng/ul	99
67) N-Nitrosodiphenylamine	15.587	169	69272	4.783	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	31386	4.753	ng/ul	95
69) Hexachlorobenzene	16.404	284	40051	4.995	ng/ul	97
72) Phenanthrene	17.151	178	140485	4.873	ng/ul	99
74) Anthracene	17.240	178	136129	4.640	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.087	216	41265	5.001	ng/uL	97
76) Pentachlorobenzene	14.628	250	46794	5.157	ng/uL	98
78) Di-n-butylphthalate	18.128	149	131619	4.415	ng/ul	99
80) Fluoranthene	19.251	202	171662	4.544	ng/ul	99
82) Pyrene	19.628	202	190670	4.689	ng/ul	98
83) Butylbenzylphthalate	20.581	149	65412	4.616	ng/ul#	96
85) Benzo(a)anthracene	21.533	228	211131	4.803	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.475	149	95922	4.614	ng/ul	98
87) Chrysene	21.598	228	197910	4.797	ng/ul	99
90) Benzo(b)fluoranthene	23.804	252	228679	4.519	ng/ul	100
91) Benzo(k)fluoranthene	23.874	252	226893	4.499	ng/ul	98
93) Benzo(a)pyrene	24.698	252	212173	4.551	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.557	276	302349m	4.974	ng/ul	
95) Dibenzo(a,h)anthracene	28.662	278	245214m	5.007	ng/ul	
96) Benzo(g,h,i)perylene	29.733	276	230242m	4.881	ng/ul	

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

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