

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
 Data File : BP022940.D
 Acq On : 08 Nov 2024 18:53
 Operator : RC/JU
 Sample : SST00549
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005628

Quant Time: Nov 08 23:34:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 08 21:50:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.592	152	42297	20.000	ng/u1	0.00
20) Naphthalene-d8	10.345	136	158731	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.216	164	137746	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	357500	20.000	ng/u1	0.00
79) Chrysene-d12	21.462	240	445026	20.000	ng/u1	0.00
88) Perylene-d12	24.692	264	586620	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	1635	1.502	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	7.145	132	9948	3.938	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.739	128	4811	3.942	ng/u1	0.00
24) 2-Nitrophenol-d4	9.451	143	5654	4.001	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	11984m	3.990	ng/u1	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.616	166	45619	4.168	ng/u1	0.00
49) Acenaphthylene-d8	13.898	160	45648	3.927	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.233	176	40604	4.277	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.121	188	69122	4.110	ng/u1	0.00
81) Pyrene-d10	19.515	212	89715	3.812	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.468	264	123012	3.927	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	2107m	1.800	ng/uL	
12) 2-Chlorophenol	7.181	128	10716	4.102	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.387	70	9234	3.885	ng/u1#	90
19) Hexachloroethane	8.645	117	5446	4.476	ng/u1	86
22) Nitrobenzene	8.787	77	14672	4.027	ng/u1	94
23) Isophorone	9.304	82	25519	3.907	ng/u1	99
25) 2-Nitrophenol	9.481	139	6135	4.029	ng/u1#	86
26) 2,4-Dimethylphenol	9.557	107	14237	4.301	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.769	93	13920	3.753	ng/u1#	96
29) 2,4-Dichlorophenol	10.034	162	12352	4.177	ng/u1	98
30) Naphthalene	10.392	128	36731	4.345	ng/u1	98
33) Hexachlorobutadiene	10.669	225	12892	5.172	ng/u1	95
35) 4-Chloro-3-methylphenol	11.669	107	12873m	3.989	ng/u1	
36) 2-Methylnaphthalene	12.016	142	27601	4.447	ng/u1	91
37) 1-Methylnaphthalene	12.227	142	27984	4.418	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.386	216	21898	4.299	ng/u1#	91
41) 2,4,6-Trichlorophenol	12.639	196	12521	3.908	ng/u1	88
42) 2,4,5-Trichlorophenol	12.739	196	12825	3.760	ng/u1	87
43) 1,1'-Biphenyl	13.033	154	40663	4.096	ng/u1	99
44) 2-Chloronaphthalene	13.080	162	33037	4.065	ng/u1	98
45) 2-Nitroaniline	13.304	65	8017	3.303	ng/u1	99
47) Dimethylphthalate	13.663	163	44517	4.082	ng/u1#	99
48) 2,6-Dinitrotoluene	13.816	165	8034	3.895	ng/u1	98
50) Acenaphthylene	13.927	152	45872	3.802	ng/u1	97

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52) Acenaphthene	14.274	153	34362	4.028	ng/ul	97
56) Dibenzofuran	14.621	168	54752	4.273	ng/ul	93
57) 2,4-Dinitrotoluene	14.616	165	12612	3.935	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.880	232	13378	4.202	ng/ul#	98
59) Diethylphthalate	15.057	149	44354	4.239	ng/ul	96
61) Fluorene	15.292	166	43992	4.213	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.274	204	26665	4.466	ng/ul	96
67) N-Nitrosodiphenylamine	15.510	169	37383	3.905	ng/ul	97
68) 4-Bromophenyl-phenylether	16.198	248	19339	4.486	ng/ul	95
69) Hexachlorobenzene	16.316	284	24939	4.700	ng/ul	97
72) Phenanthrene	17.063	178	79290	4.146	ng/ul	96
74) Anthracene	17.157	178	78079	4.091	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.004	216	21985	4.039	ng/uL	98
76) Pentachlorobenzene	14.551	250	25770	4.283	ng/uL	96
78) Di-n-butylphthalate	18.033	149	74230	3.972	ng/ul	98
80) Fluoranthene	19.168	202	105718	3.908	ng/ul	97
82) Pyrene	19.551	202	115724	3.991	ng/ul#	94
83) Butylbenzylphthalate	20.492	149	35429	3.509	ng/ul	97
85) Benzo(a)anthracene	21.445	228	124664	3.996	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	47758	3.296	ng/ul	98
87) Chrysene	21.503	228	121443	4.198	ng/ul	99
90) Benzo(b)fluoranthene	23.680	252	144843	3.923	ng/ul	98
91) Benzo(k)fluoranthene	23.739	252	145429m	4.023	ng/ul	
93) Benzo(a)pyrene	24.550	252	132185m	3.890	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.362	276	201211	4.437	ng/ul	99
95) Dibenzo(a,h)anthracene	28.438	278	163716m	4.458	ng/ul	
96) Benzo(g,h,i)perylene	29.509	276	152951m	4.336	ng/ul	

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

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