

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080224\
 Data File : BM046948.D
 Acq On : 02 Aug 2024 14:20
 Operator : MA/JU
 Sample : SSTD00524
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005006

Quant Time: Aug 03 02:31:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:17:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	93846	20.000	ng/u1	0.00
20) Naphthalene-d8	10.163	136	344817	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.057	164	222579	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.815	188	478122	20.000	ng/u1	0.00
79) Chrysene-d12	21.056	240	479113	20.000	ng/u1	0.00
88) Perylene-d12	23.768	264	605117	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.028	96	4299	2.348	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	6.946	132	27694	4.160	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.545	128	12483	4.801	ng/u1	0.00
24) 2-Nitrophenol-d4	9.257	143	12803	3.606	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.798	165	25387	3.633	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.486	166	79169	4.761	ng/u1	0.00
49) Acenaphthylene-d8	13.745	160	87328	4.646	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.063	176	67373	4.327	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	16.915	188	106786	4.659	ng/u1	0.00
81) Pyrene-d10	19.227	212	123036	4.996	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.586	264	140132	4.360	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.058	88	5672m	2.930	ng/uL	
12) 2-Chlorophenol	6.975	128	28285	4.288	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.210	70	22341	5.520	ng/u1	99
19) Hexachloroethane	8.457	117	14286	5.070	ng/u1	99
22) Nitrobenzene	8.587	77	34957	5.089	ng/u1	96
23) Isophorone	9.116	82	59916	4.633	ng/u1	99
25) 2-Nitrophenol	9.292	139	14272	3.654	ng/u1	91
26) 2,4-Dimethylphenol	9.369	107	30861	4.276	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.604	93	36202	4.989	ng/u1	98
29) 2,4-Dichlorophenol	9.822	162	26608	3.840	ng/u1	98
30) Naphthalene	10.210	128	88763	5.021	ng/u1	99
33) Hexachlorobutadiene	10.504	225	19874	3.557	ng/u1	95
35) 4-Chloro-3-methylphenol	11.475	107	25640	4.517	ng/u1	97
36) 2-Methylnaphthalene	11.839	142	58421	3.864	ng/u1	98
37) 1-Methylnaphthalene	12.063	142	60687	4.064	ng/u1	96
39) 1,2,4,5-Tetrachloroben...	12.216	216	33039	3.853	ng/u1	98
41) 2,4,6-Trichlorophenol	12.475	196	20301	3.803	ng/u1	96
42) 2,4,5-Trichlorophenol	12.545	196	22266	3.887	ng/u1	95
43) 1,1'-Biphenyl	12.880	154	82283	4.845	ng/u1	98
44) 2-Chloronaphthalene	12.916	162	64803	4.664	ng/u1	97
45) 2-Nitroaniline	13.133	65	16796	4.730	ng/u1	95
47) Dimethylphthalate	13.533	163	81575	4.903	ng/u1	98
48) 2,6-Dinitrotoluene	13.651	165	13936	4.141	ng/u1	95
50) Acenaphthylene	13.775	152	94092	4.958	ng/u1	96

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52) Acenaphthene	14.122	153	69200	5.016	ng/ul	98
56) Dibenzofuran	14.463	168	96947	4.622	ng/ul	99
57) 2,4-Dinitrotoluene	14.445	165	20968	4.105	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.704	232	19544	3.928	ng/ul	91
59) Diethylphthalate	14.916	149	84330	4.808	ng/ul	99
61) Fluorene	15.116	166	78827	4.527	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.127	204	40513	4.174	ng/ul	95
67) N-Nitrosodiphenylamine	15.345	169	69143	5.231	ng/ul	91
68) 4-Bromophenyl-phenylether	16.021	248	24394	4.332	ng/ul	98
69) Hexachlorobenzene	16.127	284	28352	4.262	ng/ul	93
72) Phenanthrene	16.863	178	127173	4.929	ng/ul	99
74) Anthracene	16.951	178	127886	4.853	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.839	216	33573	4.488	ng/uL	98
76) Pentachlorobenzene	14.386	250	35294	4.580	ng/uL	99
78) Di-n-butylphthalate	17.821	149	142939	5.126	ng/ul	98
80) Fluoranthene	18.892	202	147599	4.706	ng/ul	99
82) Pyrene	19.256	202	161466	5.283	ng/ul	98
83) Butylbenzylphthalate	20.198	149	64757	5.428	ng/ul	87
85) Benzo(a)anthracene	21.039	228	160476	4.639	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	97046	5.052	ng/ul	97
87) Chrysene	21.092	228	159538	4.834	ng/ul	98
90) Benzo(b)fluoranthene	22.921	252	172262	4.562	ng/ul	98
91) Benzo(k)fluoranthene	22.974	252	164475	4.445	ng/ul	100
93) Benzo(a)pyrene	23.639	252	154638	4.408	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.774	276	210614	4.795	ng/ul	98
95) Dibenzo(a,h)anthracene	26.827	278	170146	4.778	ng/ul	98
96) Benzo(g,h,i)perylene	27.709	276	163978	4.338	ng/ul	96

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

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