

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
 Data File : BP023164.D
 Acq On : 16 Nov 2024 08:28
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020722

Quant Time: Nov 17 00:59:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

11/18/2024
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 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
-----							11/18/2024
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	79320	20.000	ng/u1	0.00	
20) Naphthalene-d8	10.322	136	300622	20.000	ng/u1	0.00	
38) Acenaphthene-d10	14.187	164	244277	20.000	ng/u1	-0.02	
64) Phenanthrene-d10	16.998	188	627164	20.000	ng/u1	-0.02	
79) Chrysene-d12	21.439	240	680826	20.000	ng/u1	0.00	
88) Perylene-d12	24.651	264	770497	20.000	ng/u1	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.134	96	13302	8.061	ng/uL	0.00	
4) Pyridine-d5	3.546	84	99671	20.330	ng/u1	0.00	
7) Phenol-d5	6.781	99	116335	19.838	ng/u1	0.00	
9) Bis-(2-Chloroethyl)eth...	6.928	67	69395	20.141	ng/u1	0.00	
11) 2-Chlorophenol-d4	7.128	132	89472	20.832	ng/u1	0.00	
15) 4-Methylphenol-d8	8.293	113	97319	20.166	ng/u1	0.00	
21) Nitrobenzene-d5	8.722	128	45130	21.564	ng/u1	0.00	
24) 2-Nitrophenol-d4	9.428	143	54139	21.699	ng/u1	0.00	
28) 2,4-Dichlorophenol-d3	9.969	165	110389	21.127	ng/u1	0.00	
31) 4-Chloroaniline-d4	10.475	131	130370	20.914	ng/u1	0.00	
46) Dimethylphthalate-d6	13.604	166	365169	20.741	ng/u1	0.00	
49) Acenaphthylene-d8	13.881	160	394294	21.464	ng/u1	-0.02	
54) 4-Nitrophenol-d4	14.457	143	43351	16.385	ng/u1	0.00	
60) Fluorene-d10	15.204	176	330035	21.381	ng/u1	0.00	
65) 4,6-Dinitro-2-methylph...	15.357	200	68180	18.147	ng/u1	0.00	
73) Anthracene-d10	17.092	188	567225	21.361	ng/u1	-0.02	
81) Pyrene-d10	19.492	212	711130	22.677	ng/u1	0.00	
92) Benzo(a)pyrene-d12	24.421	264	813189	22.157	ng/u1	-0.02	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.170	88	15270	8.008	ng/uL		88
5) Pyridine	3.564	79	98795	20.065	ng/u1		95
6) Benzaldehyde	6.746	77	80721	23.919	ng/u1		94
8) Phenol	6.811	94	120970	19.754	ng/u1		99
10) Bis(2-Chloroethyl)ether	7.016	93	92889	20.185	ng/u1		96
12) 2-Chlorophenol	7.158	128	91011	20.410	ng/u1		99
13) 2-Methylphenol	8.028	108	91558	20.029	ng/u1		98
14) 2,2'-oxybis(1-Chloropr...	8.081	45	105926	20.334	ng/u1		96
16) Acetophenone	8.393	105	160570	19.801	ng/u1		98
17) N-Nitroso-di-n-propyla...	8.369	70	81202	20.054	ng/u1		98
18) 4-Methylphenol	8.358	108	101388	20.081	ng/u1		99
19) Hexachloroethane	8.622	117	42477	19.697	ng/u1		97
22) Nitrobenzene	8.763	77	127788	21.280	ng/u1		96
23) Isophorone	9.281	82	227315	21.170	ng/u1		99
25) 2-Nitrophenol	9.463	139	57283	21.752	ng/u1		93
26) 2,4-Dimethylphenol	9.528	107	121588	21.381	ng/u1		99
27) Bis(2-Chloroethoxy)met...	9.752	93	127765	21.625	ng/u1		98
29) 2,4-Dichlorophenol	9.999	162	110328	21.317	ng/u1		97
30) Naphthalene	10.369	128	312431	21.392	ng/u1		99
32) 4-Chloroaniline	10.499	127	125229	20.736	ng/u1		100
33) Hexachlorobutadiene	10.646	225	92772	19.810	ng/u1		97
34) Caprolactam	11.287	113	31932m	20.743	ng/u1		
35) 4-Chloro-3-methylphenol	11.640	107	119688	21.497	ng/u1		96
36) 2-Methylnaphthalene	11.981	142	230974	20.948	ng/u1		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.210	142	238113	21.125	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.357	216	175057	21.227	ng/ul	96
40) Hexachlorocyclopentadiene	12.328	237	76293	17.613	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.622	196	108387	21.584	ng/ul	95
42) 2,4,5-Trichlorophenol	12.710	196	121534	22.449	ng/ul	95
43) 1,1'-Biphenyl	13.010	154	336279	21.484	ng/ul	100
44) 2-Chloronaphthalene	13.051	162	280653	21.934	ng/ul	98
45) 2-Nitroaniline	13.287	65	80277	22.344	ng/ul	91
47) Dimethylphthalate	13.657	163	364884	21.015	ng/ul	99
48) 2,6-Dinitrotoluene	13.781	165	73980	21.904	ng/ul	98
50) Acenaphthylene	13.910	152	408525	22.000	ng/ul	99
51) 3-Nitroaniline	14.122	138	67528	23.214	ng/ul	93
52) Acenaphthene	14.251	153	289568	21.479	ng/ul	96
53) 2,4-Dinitrophenol	14.369	184	38445	16.042	ng/ul	93
55) 4-Nitrophenol	14.469	109	62830	20.297	ng/ul	93
56) Dibenzofuran	14.598	168	442895	21.263	ng/ul	98
57) 2,4-Dinitrotoluene	14.592	165	116746	21.688	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.840	232	113952	21.534	ng/ul#	97
59) Diethylphthalate	15.040	149	354309	20.633	ng/ul	99
61) Fluorene	15.251	166	355728	20.866	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.245	204	207824	20.703	ng/ul	97
63) 4-Nitroaniline	15.310	138	64504	23.830	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.369	198	75133	18.721	ng/ul	98
67) N-Nitrosodiphenylamine	15.481	169	313092	21.604	ng/ul	99
68) 4-Bromophenyl-phenylether	16.175	248	152004	21.403	ng/ul	99
69) Hexachlorobenzene	16.287	284	184909	20.682	ng/ul	98
70) Atrazine	16.463	200	145207	20.728	ng/ul	98
71) Pentachlorophenol	16.651	266	104532	18.832	ng/ul	98
72) Phenanthrene	17.039	178	630536	21.294	ng/ul	98
74) Anthracene	17.128	178	624685	20.983	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.981	216	179455	21.672	ng/uL	98
76) Pentachlorobenzene	14.516	250	204482	21.627	ng/uL	98
77) Carbazole	17.422	167	550940	21.211	ng/ul	100
78) Di-n-butylphthalate	18.004	149	595927	20.675	ng/ul	100
80) Fluoranthene	19.139	202	824588	22.824	ng/ul	99
82) Pyrene	19.522	202	866102	22.316	ng/ul	99
83) Butylbenzylphthalate	20.469	149	281414	22.023	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.345	252	321533	21.039	ng/ul	98
85) Benzo(a)anthracene	21.422	228	893009	21.481	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	397407	21.885	ng/ul	98
87) Chrysene	21.486	228	839661	21.465	ng/ul	99
89) Di-n-octyl phthalate	22.563	149	657098	21.021	ng/ul	100
90) Benzo(b)fluoranthene	23.627	252	959638	22.377	ng/ul	100
91) Benzo(k)fluoranthene	23.698	252	926627	21.949	ng/ul	98
93) Benzo(a)pyrene	24.492	252	856627	22.096	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.292	276	1130795	20.936	ng/ul	98
95) Dibenzo(a,h)anthracene	28.345	278	899980m	20.521	ng/ul	
96) Benzo(g,h,i)perylene	29.433	276	853300m	20.799	ng/ul	

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

