

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101023\
 Data File : BP017637.D
 Acq On : 10 Oct 2023 14:55
 Operator : MA/JU
 Sample : 04676-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBJ01MSD

Quant Time: Oct 11 00:12:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

10/11/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	120438	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	489999	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	317738	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	725315	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	780935	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	846656	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	13939	4.695	ng/uL	0.00
4) Pyridine-d5	3.717	84	104314	12.483	ng/u1	0.00
7) Phenol-d5	7.081	99	86714	8.514	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	283614	44.900	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	278138	34.716	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	173227	21.115	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	185834	49.219	ng/u1	0.00
24) 2-Nitrophenol-d4	9.852	143	199514	48.113	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	353013	43.831	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	395291	34.461	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	1289235	51.104	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	1348992	49.114	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	35053	9.168	ng/u1	0.00
60) Fluorene-d10	15.628	176	1089424	49.379	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	239827	55.745	ng/u1	0.00
73) Anthracene-d10	17.516	188	1838148	52.807	ng/u1	0.00
81) Pyrene-d10	19.769	212	2336476	52.452	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	2414810	55.014	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	20677	6.548	ng/uL	97
5) Pyridine	3.740	79	113423	13.114	ng/u1	98
6) Benzaldehyde	7.087	77	279183	55.891	ng/u1	99
8) Phenol	7.111	94	94623	9.168	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.364	93	384574	46.339	ng/u1	98
12) 2-Chlorophenol	7.475	128	294307	35.977	ng/u1	99
13) 2-Methylphenol	8.375	108	202849	26.479	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.440	45	496951m	45.712	ng/u1	
16) Acetophenone	8.781	105	612218	47.510	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.746	70	318371	48.900	ng/u1	99
18) 4-Methylphenol	8.711	108	186156	22.263	ng/u1	93
19) Hexachloroethane	8.987	117	136627	37.919	ng/u1	95
22) Nitrobenzene	9.175	77	484047	48.624	ng/u1	95
23) Isophorone	9.693	82	875812	50.252	ng/u1	99
25) 2-Nitrophenol	9.881	139	219397	49.056	ng/u1	95
26) 2,4-Dimethylphenol	9.922	107	305585	33.444	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.181	93	528239	48.701	ng/u1	99
29) 2,4-Dichlorophenol	10.405	162	351488	44.165	ng/u1	99
30) Naphthalene	10.810	128	1240099	45.466	ng/u1	100
32) 4-Chloroaniline	10.957	127	386768	34.681	ng/u1	100
33) Hexachlorobutadiene	11.034	225	258570	42.792	ng/u1	98
34) Caprolactam	11.799	113	14030m	5.964	ng/u1	
35) 4-Chloro-3-methylphenol	12.063	107	335392	40.290	ng/u1	100
36) 2-Methylnaphthalene	12.428	142	887302	47.662	ng/u1	99

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37) 1-Methylnaphthalene	12.646	142	873952	45.538	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.781	216	522758	47.988	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	192285	35.027	ng/ul	98
41) 2,4,6-Trichlorophenol	13.040	196	335075	50.119	ng/ul	98
42) 2,4,5-Trichlorophenol	13.116	196	360726	51.178	ng/ul	97
43) 1,1'-Biphenyl	13.446	154	1215935	48.735	ng/ul	98
44) 2-Chloronaphthalene	13.493	162	973478	48.549	ng/ul	97
45) 2-Nitroaniline	13.740	65	301767	57.437	ng/ul	99
47) Dimethylphthalate	14.087	163	1329221	52.453	ng/ul	100
48) 2,6-Dinitrotoluene	14.240	165	270920	58.739	ng/ul	93
50) Acenaphthylene	14.351	152	1587671	50.206	ng/ul	99
51) 3-Nitroaniline	14.581	138	251888	58.873	ng/ul	91
52) Acenaphthene	14.687	153	1062313	49.658	ng/ul	100
53) 2,4-Dinitrophenol	14.787	184	138681	48.036	ng/ul	95
55) 4-Nitrophenol	14.887	109	30975	8.849	ng/ul	90
56) Dibenzofuran	15.028	168	1530090	49.858	ng/ul	99
57) 2,4-Dinitrotoluene	15.028	165	410126	58.892	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.246	232	347663	54.263	ng/ul	93
59) Diethylphthalate	15.445	149	1378443	54.314	ng/ul	99
61) Fluorene	15.681	166	1289102	51.182	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.675	204	677934	50.632	ng/ul	98
63) 4-Nitroaniline	15.757	138	260064	64.968	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.787	198	262664	57.222	ng/ul#	93
67) N-Nitrosodiphenylamine	15.904	169	1105803	54.085	ng/ul	99
68) 4-Bromophenyl-phenylether	16.587	248	443871	54.028	ng/ul	98
69) Hexachlorobenzene	16.663	284	529149	54.074	ng/ul	97
70) Atrazine	16.869	200	401893	50.504	ng/ul	98
71) Pentachlorophenol	17.040	266	310184	54.356	ng/ul	96
72) Phenanthrene	17.457	178	2199603	54.235	ng/ul	99
74) Anthracene	17.551	178	2211641	53.989	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.399	216	527468	48.366	ng/ul	98
76) Pentachlorobenzene	14.916	250	530890	47.750	ng/ul	99
77) Carbazole	17.839	167	2032897	56.240	ng/ul	98
78) Di-n-butylphthalate	18.351	149	2448923	58.890	ng/ul	99
80) Fluoranthene	19.439	202	2789661	54.019	ng/ul	100
82) Pyrene	19.798	202	2906006	53.300	ng/ul	99
83) Butylbenzylphthalate	20.669	149	1163745	60.400	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.480	252	804582	49.115	ng/ul	99
85) Benzo(a)anthracene	21.539	228	3074263	54.354	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	1700733	62.682	ng/ul	99
87) Chrysene	21.592	228	2845859	53.841	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	2888115	57.579	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	3018310	55.118	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	3081587	55.838	ng/ul	99
93) Benzo(a)pyrene	24.016	252	2840958	55.769	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.868	276	3469315	56.968	ng/ul	99
95) Dibenzo(a,h)anthracene	26.898	278	2895314	58.054	ng/ul	97
96) Benzo(g,h,i)perylene	27.721	276	2769035	55.793	ng/ul	99

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

